

Diaclone

Immunology **Products**

Quick Guide Catalogue

Version 4

Specificity & Sensitivity. Reproducibility & Reliability.
Fast Track Your Research.



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 **BIO** Mbioscience Solutions Sdn Bhd
ENABLING GROUND BREAKING RESEARCH

www.diaclone.com



Discover Diaclone

With over 25 years' of experience and expertise, high quality has become the hallmark of Diaclone, firmly establishing us as a centre of excellence in Monoclonal Antibody research and Immunoassay Kit development. The expanding range of Diaclone immunology products is specifically designed to advance research applications.

Our experience and expertise coupled to the diversity and quality of our product range makes Diaclone a clear choice to:

Fast Track Your Research.

Diaclone remains in Besancon, France with dedicated and experienced staff. The company is now part of the Biotech Investissement group and a sister company of RD-Biotech.

'Providing excellence in Monoclonal Antibody and Immunoassay Development.'

Products available include:



ELISA



ELISpot



DIAplex



Monoclonal
Antibodies

Put the Quality of Diaclone Products to the Test

Put our Quality to the test by evaluating our Discovery range. Diaclone Discovery formats provide an excellent means to assess the suitability of our products for your current and future needs in a cost effective manner.

Discovery formats are available for ELISA, ELISpot and Monoclonal Antibody products and are highlighted in the respective catalogue sections.

Quality

Diaclone is committed to the highest level of quality in the design, development, manufacture, sale and support of products for the research community. The Diaclone quality management system is certified to ISO9001:2008 ensuring that high quality products and service are always maintained. Through our extensive knowledge in antibody and immunoassay development we pride ourselves on the quality of technical and customer service we provide to our customers.

Regulatory

All Diaclone products are sold for RUO (research use only), unless stated otherwise within the instruction manual or product supporting documentation. 9xx xxx xxx products available in CE format for IVD use in the EU only.

Diaclone products with no limitations are not to be administered to humans or used for therapeutic purposes.

Diaclone ELISA



Diaclone ELISA are highly sensitive assays designed for in-vitro quantitative and qualitative determination of natural and recombinant proteins from serum, plasma and cell culture supernatant.

- Control of our own mAb development coupled with robust manufacturing procedures ensures excellent performance and batch to batch consistency.
- High Sensitivity (HS) kits for the detection of low expressing proteins with sensitivities below 1.5pg/ml.

Formats Available

Diaclone ELISA and HS Kits: Pre-Coated Plates, Biotinylated Detection Antibody, Standard(s), Control(s) (where available), Buffers, Streptavidin-HRP and TMB, Stop reagent and plate sealers.

Diaclone ELISA Sets: Capture Antibody, Biotinylated Detection Antibody, Standard(s), Streptavidin-HRP and TMB.

Complete your Catalogue Number by choosing your format:

	Formats	Catalogue Number (see listings)
ELISA Kits	1x48 Discovery	xxx.xxx.048
	1x96	xxx.xxx.096
	2x96	xxx.xxx.192
ELISA Sets	1x96 Discovery	xxx.xxx.001
	5x96	xxx.xxx.005
	10x96	xxx.xxx.010
	15x96	xxx.xxx.015
	20x96	xxx.xxx.020

Note: Discovery size not applicable to 6xx.xxx.xxx products.

Analyte	Species	STD Range	Kit Sensitivity	ELISA Kit	ELISA Set
IFNg HS	Human HS	0.78 - 25 pg/ml	0.69 pg/ml	850.900.xxx	
IL-2 HS	Human HS	1.87 - 60 pg/ml	0.97 pg/ml	850.870.xxx	
IL-4 HS	Human HS	0.31 - 10 pg/ml	0.31 pg/ml	850.890.xxx	
IL-6 HS	Human HS	1.56 - 50 pg/ml	0.8 pg/ml	950.035.xxx	
IL-10 HS	Human HS	1.56 - 50 pg/ml	1.3 pg/ml	850.880.xxx	
IL-12 HS	Human HS	0.78 - 25 pg/ml	0.75 pg/ml	850.810.xxx	
CD14	Human	6.8 - 220 ng/ml	6.0 ng/ml	850.780.xxx	
CD21	Human	3.12 - 100 U/ml	3.0 U/ml	850.730.xxx	
CD25	Human	68.75 - 2220 pg/ml	8.0 pg/ml	950.500.xxx	851.650.xxx
CD31	Human	0.31 - 10 ng/ml	0.17 ng/ml	850.710.xxx	
CD40L	Human	0.16 - 10 ng/ml	0.062 ng/ml	650.120.xxx	
CD44	Human	0.31 - 10 ng/ml	0.11ng/ml	850.570.xxx	
CD50	Human	0.62 - 20 ng/ml	0.3 ng/ml	850.560.xxx	
CD54	Human	0.25 - 8 ng/ml	0.1 ng/ml	850.540.xxx	851.590.xxx
CD62E	Human	1 - 32 ng/ml	0.5 ng/ml	850.530.xxx	851.580.xxx
CD62L	Human	1.6 - 60 ng/ml	1.0 ng/ml	850.650.xxx	
CD62P	Human	4.4 - 140 ng/ml	3.6 ng/ml	850.930.xxx	
CD86	Human	1.187 - 38 U/ml	0.6 U/ml	850.590.xxx	
CD95	Human	93.75 - 3000 pg/ml	47.0 pg/ml	850.740.xxx	
CD102	Human	0.75 - 24 U/ml	0.2 U/ml	850.550.xxx	
CD106	Human	1.56 - 50 ng/ml	0.6 ng/ml	850.580.xxx	851.660.xxx
CD116	Human	31.25 - 1000 pg/ml	16.0 pg/ml	850.660.xxx	
CD117	Human	0.31 - 10 ng/ml	0.095 ng/ml	850.700.xxx	
CD124	Human	31.25 - 1000 pg/ml	11.5 pg/ml	850.670.xxx	
CD126	Human	31.25 - 1000 pg/ml	5.0 pg/ml	850.510.xxx	
CD130	Human	56.25 - 1800 pg/ml	15.0 pg/ml	850.520.xxx	
CD138	Human	8 - 256 ng/ml	2.56 ng/ml	950.640.xxx	851.620.xxx
CD141	Human	0.625 - 20 ng/ml	0.38 ng/ml	850.720.xxx	851.690.xxx
CD178	Human	62.5 - 2000 pg/ml	12.0 pg/ml	850.750.xxx	851.730.xxx
CD213a2	Human	156 - 5000 pg/ml	150.0 pg/ml	850.800.xxx	
CD253	Human	93.75 - 3000 pg/ml	64.0 pg/ml	850.770.xxx	
CD261	Human	31.25 - 1000 pg/ml	8.0 pg/ml	850.820.xxx	
CD262	Human	31.25 - 1000 pg/ml	6.0 pg/ml	850.830.xxx	
CD263	Human	0.31 - 10 ng/ml	147.0 pg/ml	850.840.xxx	
CD264	Human	0.31 - 10 ng/ml	64.0 pg/ml	850.850.xxx	
Cytochrome C	Human	0.08 - 5 ng/ml	0.05 ng/ml	650.070.xxx	
GM-CSF	Human	16 - 500 pg/ml	4.8 pg/ml	873.040.xxx	
Granzyme B	Human	31.25 - 1000 pg/ml	20.0 pg/ml	850.790.xxx	
IFN γ	Human	12.5 - 400 pg/ml	5.0 pg/ml	950.000.xxx	851.560.xxx
IL-1 α	Human	31.25 - 1000 pg/ml	10.0 pg/ml	850.005.xxx	851.600.xxx
IL-1 β	Human	15.6 - 500 pg/ml	7.0 pg/ml	850.006.xxx	851.610.xxx
IL-2	Human	31.25 - 1000 pg/ml	7.0 pg/ml	950.010.xxx	851.500.xxx
IL-4	Human	1.1 - 35 pg/ml	0.7 pg/ml	950.020.xxx	851.510.xxx
IL-5	Human	7.8 - 250 pg/ml	5.0 pg/ml	850.025.xxx	851.670.xxx
IL-6	Human	6.25 - 200 pg/ml	2.0 pg/ml	950.030.xxx	851.520.xxx
IL-7	Human	6.25 - 200 pg/ml	3.0 pg/ml	850.040.xxx	851.680.xxx
IL-8	Human	62.5 - 2000 pg/ml	29.0 pg/ml	950.050.xxx	851.530.xxx
IL-10	Human	12.5 - 400 pg/ml	5.0 pg/ml	950.060.xxx	851.540.xxx
IL-12p70	Human	6.25 - 200 pg/ml	2.2 pg/ml	950.070.xxx	851.550.xxx
IL-12p40/p70	Human	62.5 - 2000 pg/ml	20 pg/ml	950.075.xxx	
IL-13	Human	3.12 - 100 pg/ml	1.5 pg/ml	850.080.xxx	851.630.xxx

9xx xxx xxx products also available in CE format for IVD use in the EU only.

ELISA

Analyte	Species	STD Range	Kit Sensitivity	ELISA Kit	ELISA Set
IL-15	Human	31.25 - 1000 pg/ml	18.3 pg/ml	873.000.xxx	
IL-17A	Human	3.12 - 100 pg/ml	3.0 pg/ml	850.940.xxx	851.720.xxx
IL-17F	Human	15.6 - 500 pg/ml	6.0 pg/ml	850.980.xxx	851.740.xxx
IL-17A/F	Human	15.6 - 500 pg/ml	6.6 pg/ml	850.990.xxx	851.750.xxx
IL-22	Human	7.8-500 pg/ml	5 pg/ml	650.140.xxx	
IL-23	Human	156.5 - 5000 pg/ml	20.0 pg/ml	850.920.xxx	
IL-27	Human	31.25 - 1000 pg/ml	12.8 pg/ml	850.960.xxx	851.890.xxx
IL-31	Human	31.25 - 1000 pg/ml	18.0 pg/ml	873.010.xxx	
IL-33	Human	31.25 - 1000 pg/ml	12.0 pg/ml	873.020.xxx	
IP-10	Human	6.25 - 200 pg/ml	5.7 pg/ml	850.950.xxx	851.870.xxx
MCP-1	Human	31.25 - 1000 pg/ml	5.8 pg/ml	873.030.xxx	
MICA	Human	156 - 5000 pg/ml	123 pg/ml	850.910.xxx	
p53	Human	3.1 - 100 U/ml	1.5 U/ml	850.630.xxx	
Perforin	Human	62.5 - 2000 pg/ml	40.0 pg/ml	850.860.xxx	851.860.xxx
TGFβ1	Human	0.5 - 30 ng/ml	9.0 pg/ml	650.010.xxx	
TGFβ2	Human	31.25 - 1000 pg/ml	6.6 pg/ml	650.020.xxx	
TNFα	Human	25 - 800 pg/ml	8.0 pg/ml	950.090.xxx	851.570.xxx
VEGF-A	Human	31.25 - 2000 pg/ml	7.9 pg/ml	650.980.xxx	
VEGF-R1	Human	0.16 - 10 ng/ml	0.1 ng/ml	650.030.xxx	
CD138	Murine	0.5-16 ng/ml	0.35 ng/ml	860.090.xxx	861.060.xxx
CD40L	Murine	0.31-20 ng/ml	0.14 ng/ml	660.070.xxx	
Eotaxin	Murine	31.25-2000 pg/ml	3.6 pg/ml	660.060.xxx	
GM-CSF	Murine	15.6 - 500 pg/ml	9.0 pg/ml	860.060.xxx	
IFNγ	Murine	31.25 - 1000 pg/ml	15.0 pg/ml	860.050.xxx	861.050.xxx
IL-1α	Murine	7.8 - 500 pg/ml	6.0 pg/ml	660.010.xxx	
IL-2	Murine	15.6 - 500 pg/ml	5.0 pg/ml	860.000.xxx	861.000.xxx
IL-4	Murine	3.9 - 250 pg/ml	3.0 pg/ml	660.020.xxx	
IL-5	Murine	7.8 - 500 pg/ml	5.0 pg/ml	660.030.xxx	
IL-6	Murine	15.6 - 500 pg/ml	10.0 pg/ml	860.020.xxx	861.020.xxx
IL-10	Murine	31.25 - 1000 pg/ml	20.0 pg/ml	860.030.xxx	861.030.xxx
IL-12p70	Murine	31.25 - 2000 pg/ml	5.9 pg/ml	660.040.xxx	
IL-13	Murine	2.8-500 pg/ml	2.8 pg/ml	660.080.xxx	
IL-15	Murine	6.25-400 pg/ml	2.0 pg/ml	660.090.xxx	
IL-17A	Murine	15.6-500 pg/ml	4.6 pg/ml	860.070.xxx	
IL-17F	Murine	62.5-4000 pg/ml	10.0 pg/ml	660.100.xxx	
IL-22	Murine	7.8-500 pg/ml	1.6 pg/ml	660.110.xxx	
IP-10	Murine	7.8-500 pg/ml	6.5 pg/ml	660.120.xxx	
MCP-1	Murine	15.6-1000 pg/ml	2.2 pg/ml	660.130.xxx	
TGFβ1	Murine	0.5 - 30 ng/ml	9.0 pg/ml	660.050.xxx	
TNFα	Murine	31.25 - 1000 pg/ml	25.0 pg/ml	860.040.xxx	
VEGF-A	Murine	62.5-4000 pg/ml	20.0pg/ml	660.140.xxx	
GM-CSF	Rat	7.8-500 pg/ml	3.5 pg/ml	670.060.xxx	
IFNγ	Rat	31.25 - 1000 pg/ml	10.0 pg/ml	865.010.xxx	872.000.xxx
IL-1α	Rat	15.6-1000 pg/ml	4.0 pg/ml	670.090.xxx	
IL-1β	Rat	31.25 - 2000 pg/ml	4.4 pg/ml	670.040.xxx	
IL-2	Rat	62.5-2000 pg/ml	11.0 pg/ml	670.100.xxx	
IL-4	Rat	31.25 - 1000 pg/ml	15.0pg/ml	865.020.xxx	872.020.xxx
IL-6	Rat	31.25 - 2000 pg/ml	12.0 pg/ml	670.010.xxx	
IL-10	Rat	15.6-1000 pg/ml	1.5 pg/ml	670.070.xxx	
IL-17A	Rat	1.6-100 pg/ml	1.0 pg/ml	670.080.xxx	
TGFβ1	Rat	0.5 - 30 ng/ml	48.0 pg/ml	670.020.xxx	
TNFα	Rat	31.25 - 1000 pg/ml	15.0 pg/ml	865.000.xxx	872.010.xxx
VEGF-C	Rat	47-3000 pg/ml	27.0 pg/ml	670.110.xxx	

9xx xxx xxx products also available in CE format for IVD use in the EU only.

Diaclone ELISpot



Diaclone ELISpot are highly specific immunoassays for the analysis of cytokine and other soluble molecule production and secretion from individual cells in conditions closely comparable to the in-vivo environment with minimal cell manipulation.

As well as single analyte detection Diaclone Dual ELISpot (Enzymatic detection) and Dual Fluorospot (Fluorescent detection) Sets are available for multiple analyte detection. Dual sets enable the simultaneous detection of cells secreting either individual analyte or cells co-secreting both analytes.

- This technique is amongst the most sensitive available for cytokine research with a technically easy performance.
- ELISpot assays have spread to most areas of immunological research due to their sensitivity including Cancer, Autoimmunity and Vaccine Development where they are considered a very valuable investigation tool.
- Suitable for single test analysis without a need for high-tech equipment all the way through to large scale clinical trials utilizing fully automated assay systems.
- A number of Diaclone Dual ELISpot and Fluorospot products are currently in use in Clinical trials.

Formats Available

Diaclone ELISpot Kits: Pre-coated PVDF plate(s), Detection antibody, Alkaline Phosphatase conjugate, BSA and BCIP/NBT ready-to-use substrate buffer.

Diaclone ELISpot Sets: Capture and Detection antibody, Alkaline Phosphatase conjugate, BSA and BCIP/NBT ready-to-use substrate buffer.

Diaclone ELISpot Pair: Capture and Detection Antibodies.

Dual ELISpot Sets: Capture and Detection antibodies for two analytes, Alkaline phosphatase conjugate, blocking reagent, ready-to-use BCIP/NBT substrate buffer, Peroxydase conjugate, BSA, ready-to-use AEC substrate buffer.

Dual Fluorospot Sets: Capture antibody for two analytes, FITC-conjugated Detection antibody for cytokine 1, anti-FITC antibody green fluorescence conjugate, biotinylated Detection antibody for cytokine 2, streptavidin-phycoerythrin conjugate, BSA.

Complete your Catalogue Number by choosing your format:

	Formats	Catalogue Number (see listings)
ELISpot Kits	1x96 Discovery	xxx.xxx.001PC
	5x96	xxx.xxx.005PC
ELISpot Sets	1x96 Discovery	xxx.xxx.001
Dual ELISpot Sets	5x96	xxx.xxx.005
Dual Fluorospot Sets	10x96	xxx.xxx.010
	15x96	xxx.xxx.015
	20x96	xxx.xxx.020

Note: ELISpot Sets are provided without plates, if you wish to order non-sterile plates add a P to the catalogue number and for sterile plates add an S.

Analyte	Species	ELISpot Kit	ELISpot Set	ELISpot-Pair
CD178	Human	856.091.xxx	856.091.xxx	869.080.010
Granzyme B	Human	856.131.xxx	856.131.xxx	869.130.010
IFN γ	Human	856.051.xxx	856.051.xxx	869.060.010
IL-1 β	Human	856.101.xxx	856.101.xxx	869.100.010
IL-2	Human	856.001.xxx	856.001.xxx	869.000.010
IL-4	Human	856.011.xxx	856.011.xxx	869.010.010
IL-5	Human	856.111.xxx	856.111.xxx	869.110.010
IL-6	Human	856.021.xxx	856.021.xxx	869.020.010
IL-10	Human	856.031.xxx	856.031.xxx	869.030.010
IL-12p70	Human	856.081.xxx	856.081.xxx	869.040.010
IL-13	Human	856.121.xxx	856.121.xxx	869.120.010
IL-17A	Human	856.151.xxx	856.151.xxx	869.150.010
IL-17F	Human	856.161.xxx	856.161.xxx	869.160.010
IL-17A/F	Human	856.171.xxx	856.171.xxx	869.170.010
Perforin	Human	856.141.xxx	856.141.xxx	869.140.010
TNF α	Human	856.041.xxx	856.041.xxx	869.050.010
IFN γ	Murine	862.031.xxx	862.031.xxx	870.050.010
IL-2	Murine	862.001.xxx	862.001.xxx	870.010.010
IFN γ	Rat	867.011.xxx	867.011.xxx	871.020.010
TNF α	Rat	867.021.xxx	867.021.xxx	871.030.010

Dual ELISpot

Analyte 1	Analyte 2	SPECIES	Dual ELISpot Set	Dual Fluorospot Set
IFN γ	Perforin	Human	874.070.xxx	
IFN γ	Granzyme B	Human	874.060.xxx	874.062.xxx
IFN γ	IL-2	Human	874.040.xxx	874.042.xxx
IFN γ	IL-4	Human	874.010.xxx	874.002.xxx
IFN γ	IL-5	Human	874.020.xxx	874.032.xxx
IFN γ	IL-10	Human	874.000.xxx	874.012.xxx
IFN γ	IL-17A	Human	874.080.xxx	874.082.xxx
IL-10	IL-2	Human	874.050.xxx	874.052.xxx
IL-10	IL-4	Human	874.030.xxx	874.022.xxx
IL-17A	IL-4	Human		874.092.xxx

Diaclone DIAPlex



Diaclone DIAPlex is a sensitive multiplex fluorescent bead-based immunoassay for the simultaneous quantification of multiple analytes from a single sample by flow cytometry.

Versatility and Simplicity

- Measure up to 10 analytes simultaneously from a small sample volume.
- Choose from ready configured detection panels or create your own.
- Simple to use software provided free of charge.
- Test either serum, plasma or cell culture supernatants.
- Compatible with most flow cytometers.
- Suitable for use in most areas of Immunological research including Cancer, Autoimmunity, Infection, Transplantation and Vaccine development.

Versatility and Simplicity

- Cost effective and time saving with multiple results from a single experiment.
- NIBSC standard calibration.
- Robust validation.
- Accurate quantitative results.

Free software download available at www.diaclone.com

Flexible by design

Diacclone DIAplex Complete

DIAplex Complete provides multiplex assay sets which are preconfigured for the detection of a panel of analytes for investigation of a specific scientific area. An individual experiment can provide measurements of several analytes from a single sample. Available as 96 tests per Analyte.

Panel Catalogue No. (Anti-Human)	Th1 880.110.004 4-plex	Th2 880.120.003 3-plex	Th1/Th2 880.140.007 7-plex	Inflammation 880.130.004 4-plex	Th1/Th2/Inflammation 880.100.010 10-plex
IFN γ	●		●		●
IL-1 β				●	●
IL-2	●		●		●
IL-4		●	●		●
IL-6		●	●		●
IL-8				●	●
IL-10		●	●		●
IL-12p70	●		●		●
IL-17A				●	●
TNF α	●		●	●	●

Diacclone DIAplex Design

DIAplex Design combines the benefits of multiplexing with the ability to design your own analyte detection panel. The assays have been designed for use individually (simplex) or combined to create any size flex system. Each combination is supplied with a DIAplex accessory kit. Available as 96 tests per Analyte.

Analyte (Anti-Human)	Catalogue Number
IFN γ	880.000.001
IL-1 β	880.006.001
IL-2	880.010.001
IL-4	880.020.001
IL-6	880.030.001
IL-8	880.050.001
IL-10	880.060.001
IL-12p70	880.070.001
IL-17A	880.940.001
TNF α	880.090.001

Diaclone Antibodies



Diaclone Monoclonal Antibodies are highly specific, high quality mouse monoclonal antibodies for the detection of a broad range of human proteins.

These antibodies can be utilized over an extensive application range including Flow Cytometry, Immunohistochemistry, Western Blot, Immunoprecipitation, ELISA, ELISpot and Biological assays.

The use of monoclonal antibodies remains a powerful tool for the investigation of innate and adaptive immunity in many fields of research.

Diaclone Antibody Flexibility

- Available for intracellular and cell surface analysis.
- Can recognize both recombinant and natural proteins acting as neutralizing, agonistic and enhancer antibodies.
- Affinity purified antibodies available in a variety of formats including Azide free and purified unlabelled antibodies.
- Optimized conjugated antibodies, FITC, PE, PercP and Biotin, ensure consistent reliable and specific cell staining.
- Isotype controls available to assess non-specific binding in assays.
- Custom Manufacture and Bulk purchase options available.

mAb Format	Quantity*	Discovery Size
FITC	100 Tests/1mL	20 Tests / 200µL
PE	100 Tests/1mL	20 Tests / 200µL
PercP	100 Tests/1mL	20 Tests / 200µL
Biotin	100 Tests/1mL	20 Tests / 200µL
Azide Free	200 µg/200µl	20 µg / 20µL
Purified	200 Tests/2mL	20 Tests / 200µL

*Note: The quantities shown are typical however other sizes may apply – See website for full Product details

Please enquire via info@diaclone.com for up to date product development information.

www.diaclone.com

Monoclonal Antibodies

Specificity (Anti-Human)	Clone	Isotype	Purified	Azide Free	FITC	PE	Biotin	Biologically active clone
CD1a	HI149	IgG1	853.153.020		853.151.010			
CD1b/c	B-B5	IgG1	854.003.020	854.000.000	854.001.010			
CD2	B-E2	IgG2b	852.503.020	852.500.000	952.501.010	952.502.010	852.504.010	●
CD3	B-B11	IgG1	854.013.020	854.010.000	954.011.010	954.012.010	854.014.010	●
CD4	B-A1	IgG2a	854.033.020	854.030.000	954.031.010	954.032.010		●
CD5	B-B8	IgG1	854.043.020	854.040.000	954.041.010	954.042.010	854.044.010	
CD6	B-F3	IgG1	854.053.020	854.050.000				
CD7	B-F12	IgG1	854.063.020	854.060.000		954.062.010		
CD7	MEM-186	IgG1			853.331.010			
CD8	B-Z31	IgG2a	854.963.020	854.960.000	854.961.010	854.962.010		
CD9	TS9	IgG1		857.750.000				
CD10	MEM-78	IgG1			854.091.010			
CD10	B-E3	IgG2a	854.093.020	854.090.000		854.092.010		●
CD11a	B-B15	IgG1	852.513.020	852.510.000	852.511.010	852.512.010		
CD11b	MEM-174	IgG2a	853.163.020		853.161.010	853.162.010		
CD11c	BU15	IgG1	853.383.020		853.381.010			
CD13	B-F10	IgG1	854.103.020	854.100.000	854.101.010	854.102.010		
CD14	B-A8	IgG1	854.113.020	854.110.000				
CD14	8G3	IgG2a			954.771.010	954.772.010	854.774.010	
CD15	MEM-158	IgM	853.183.020		853.181.010			
CD16	B-E16	IgG2a	854.133.020	854.130.000	854.131.010	854.132.010		
CD18	MEM-48	IgG1	852.543.020	852.540.000	852.541.010	852.542.010		
CD19	B-C3	IgG1	854.143.020	854.140.000	854.141.010		854.144.010	
CD19	B-D3	IgG1				954.782.010		
CD20	B-H20	IgG2a	854.153.020	854.150.000	954.151.010	954.152.010		●
CD21	B-E5	IgG2a	854.163.020	854.160.000	854.161.010	854.162.010		●
CD21	B-C6	IgG1		853.600.000				
CD21	B-D6	IgG1		854.170.000				
CD22	MEM-01	IgG1	853.193.020			853.192.010		
CD23	B-G6	IgG1	854.193.020	854.190.000	854.191.010	854.192.010		
CD25	B-B10	IgG1		852.000.000		952.002.010	852.004.010	●
CD25	B-F2	IgG1	852.013.020	852.010.000	952.011.010			●
CD25	B-G3	IgG1		852.020.000				
CD27	LT27	IgG2a	853.343.020					
CD28	B-T3	IgG2a	854.223.020	854.220.000	854.221.010	854.222.010		●
CD29	B-D15	IgG2a	852.553.020	852.550.000	852.551.010	852.552.010		
CD30	MEM-268	IgG1	853.203.020					
CD31	B-B38	IgG1	852.563.020	852.560.000	852.561.010	852.562.010		
CD31	B-N14	IgG1		853.710.000				
CD33	HIM3-4	IgG1	853.273.020					
CD34 Class I	B-G25	IgG1	854.243.020	854.240.000				●
CD34 Class I	B-C34	IgG1	854.593.020	854.590.000	854.591.010	854.592.010		
CD34 Class III	B-F23	IgG1	854.263.020	854.260.000		854.262.010		
CD34 Class III	B-K34	IgG1				854.702.010		
CD35	UJ11	IgG1	853.403.020					
CD36	TR9	IgG1	853.213.020		853.211.010			
CD40	B-B20	IgG1	854.283.020	854.280.000	954.281.010	954.282.010	854.284.010	●
CD41	MEM-06	IgG1	853.353.020		853.351.010			
CD41a	HIP8	IgG1	853.223.020					
CD42b	HIP1	IgG1	853.233.020		853.231.010	853.232.010		
CD43	MEM-59	IgG1	853.243.020		853.241.010	853.242.010		
CD44	B-F24	IgG1	852.603.020	852.600.000	852.601.010			●
CD44	B-R8	IgG1		853.790.000				
CD45	B-A11	IgG1	854.303.020	854.300.000	954.301.010	954.302.010		
CD45RA	B-C15	IgG2a	854.323.020	854.320.000	854.321.010	854.322.010		
CD45RO	UCHL1	IgG2a	854.333.020		854.331.010			

9xx xxx xxx products also available in CE format for IVD use in the EU only.

Monoclonal Antibodies

Specificity (Anti-Human)	Clone	Isotype	Purified	Azide Free	FITC	PE	Biotin	Biologically active clone
CD48	MEM-102	IgG1	852.613.020		852.611.010			
CD49b	10G11	IgG1			853.431.010			
CD49d	BU49	IgG1	853.443.020		853.441.010			
CD50	B-R1	IgG1	852.673.020	852.670.000	852.671.010			
CD50	B-P12	IgG1		853.760.000				
CD53	TS53	IgG1		857.760.000				
CD54	B-H17	IgG1	852.693.020	852.690.000	952.691.010	952.692.010		●
CD54	B-H22	IgG1		853.680.000				
CD55	MEM-118	IgM	853.373.020		853.371.010			
CD56	B-A19	IgG1	852.703.020	852.700.000		952.702.010		
CD57	NC1	IgM	853.463.020					
CD58	B-L28	IgG1	854.633.020	854.630.000	854.631.010	854.632.010		
CD59	MEM-43	IgG2a	854.363.020	854.360.000	954.361.010	954.362.010		
CD61	C17	IgG1	853.473.020		853.471.010			
CD62E	B-P7	IgG1	852.733.020	852.730.000				
CD62E	B-S3	IgG1		853.810.000				
CD62L	B-S13	IgG1	852.783.020	852.780.000		852.782.010		
CD62P	B-F46	IgG1	855.403.020	855.400.000				
CD62P	B-G43	IgG2b		855.390.000				
CD63	TS63	IgG1		857.770.000				
CD66a	B-D60	IgG1	855.413.020		855.411.010	855.412.010		
CD71	B-G24	IgG1	854.393.020	854.390.000	854.391.010			
CD75	B-L5	IgM	854.423.020	854.420.000				
CD80	MEM-233	IgG1	853.253.020		853.251.010	853.252.010		
CD81	TS81	IgG2a		857.780.000				
CD82	B-L2	IgG1	854.443.020	854.440.000		854.442.010		
CD82	TS82b	IgG1		857.790.000				
CD86	B-T7	IgG1	854.453.020	854.450.000	954.451.010	954.452.010		●
CD86	B-S7	IgG1		853.830.000				
CD94	B-D49	IgG1	855.803.020	855.800.000	855.801.010			
CD95	B-G27	IgG2a	853.003.020	853.000.000	953.001.010	953.002.010		●
CD95	B-D29	IgG1	853.033.020	853.030.000				●
CD99	B-N24	IgG1	854.613.020	854.610.000		854.612.010		
CD102	B-T1	IgG1	852.763.020	852.760.000	852.761.010			●
CD102	B-R7	IgG1		853.780.000				
CD105	MEM-226	IgG2a	853.263.020		853.261.010			
CD106	B-K9	IgG1	852.773.020	852.770.000				●
CD106	B-N8	IgG1		853.700.000				
CD106	B-S6	IgG1		853.820.000				
CD107a	B-T47	IgG1	852.903.020	852.900.000	852.901.010	85.902.010		
CD109	B-E47	IgG1	854.573.020	854.570.000		854.572.010		
CD112	B-C12	IgG2b	857.003.020	857.000.000				
CD117	B-K15	IgG1	854.513.020	854.510.000		854.512.010	854.514.010	●
CD117	B-N20	IgG1		853.730.000				
CD126	B-R6	IgG1	852.033.020	852.030.000	852.031.010			●
CD126	B-F19	IgG1		852.040.000				●
CD126	B-N12	IgG1		852.050.000	852.051.010			
CD130	B-R3	IgG2a	852.063.020	852.060.000	852.061.010			●
CD130	B-K5	IgG1		852.070.000				●
CD130	B-P8	IgG1		852.080.000				●
CD130	B-P4	IgG1		852.090.000				●
CD130	B-K11	IgG2b		852.100.000				
CD130	B-S12	IgG1		852.110.000				●
CD130	B-T2	IgG1		853.860.000				
CD138*	B-A38	IgG1	854.073.020	854.070.000	954.071.010	954.072.010	854.074.010	
CD138	B-D30	IgG1		853.630.000				

9xx xxx xxx products also available in CE format for IVD use in the EU only.

*Product available in PercP format.

Monoclonal Antibodies

Specificity (Anti-Human)	Clone	Isotype	Purified	Azide Free	FITC	PE	Biotin	Biologically active clone
CD141	B-A35	IgG1	854.583.020	854.580.000	854.581.010			
CD141	B-S24	IgG1		853.850.000				
CD151	B-E31	IgG1	854.533.020	854.530.000				
CD154	B-B29	IgG2a	854.293.020	854.290.000	854.291.010	854.292.010		
CDw156c	11G2	IgG1		857.800.000				
CD161	B-D51	IgG1		855.820.000				
CD178	B-R17	IgG1	853.073.020	853.070.000			853.074.010	●
CD178	B-B34	IgG1		853.590.000				
CD184	B-R24	IgG1	854.603.020	854.600.000				●
CD202b	B-B48	IgG2	854.713.020	854.710.000				●
CD213a1	B-K19	IgG1		852.130.000			852.134.010	
CD213a2	B-D13	IgG1		852.120.000		852.122.010		
CD213a2	B-A34	IgG1		853.960.005				
CDw218a	B-E43	IgG1	854.903.020	854.900.000		854.902.010		●
CDw218b	B-B46	IgG1		854.910.000				●
CD253	B-S23	IgG1	853.083.020	853.080.000		853.082.010	853.084.010	●
CD253	B-T24	IgG1	853.093.020	853.090.000				●
CD261	B-N36	IgG1	854.853.020	854.850.000		854.852.010		●
CD261	B-N28	IgG1		852.980.000				
CD261	B-T35	IgG1		853.890.000				
CD262	B-K29	IgG1	854.863.020	854.860.000		854.862.010		●
CD262	B-D37	IgG2b		854.870.000				●
CD263	B-D44	IgG1	854.893.020	854.890.000		854.892.010		●
CD263	B-H47	IgG1		852.990.000				
CD263	B-N29	IgG1		853.740.000				
CD264	B-R27	IgG1	854.973.020			854.972.010		
CD264	B-P30	IgG1		853.130.000				
CD264	B-L34	IgG1		853.690.000				
CD264	B-T32	IgG1		853.880.000				
cMyc	9E10	IgG1	855.313.020					
Galectin-3	B-S43	IgG2a		855.610.000				
Galectin-3	B-E53	IgG1		855.620.000				
Galectin-9	B-T33	IgG2b	857.943.020	857.940.000				
Galectin-10	B-F42	IgG1	852.963.020	852.960.005				
GM-CSF	B-Z13	IgG1		855.690.000				
GM-CSF	B-S37	IgG1		855.700.000				
Granulysin	B-L38	IgG1	855.543.020	855.540.000	855.541.010			
Granulysin	B-R32	IgG2b		855.550.000				
HBP	B-K37	IgG1		855.440.000				
HBP	B-R37	IgG2b		855.500.000				
HBP	B-P37	IgG2b		855.510.000				
HLA Class I	W6/32	IgG2a	857.223.020	857.220.000	857.221.010			●
HLA Class II(DR)	B-F1	IgG1	857.033.020	857.030.000	857.031.010	857.032.010	857.034.010	
HLA Class II(DR)	B-C10	IgG2b	857.933.020	857.930.000	857.931.010			
HLA Class II(DQ)	B-K27	IgG2a	857.213.020	857.210.000				
IFN γ	B-B1	IgG1		855.000.005	855.001.019	855.002.019		●
IFN γ	B-G1	IgG1		853.670.005				
IL-1 β	B-A15	IgG1		855.010.005		855.012.019		●
IL-2	B-G5	IgG1		855.020.005	855.021.019	855.022.019		●
IL-4	B-S4	IgG1		855.030.005				●
IL-4	B-G28	IgG1		855.170.005		855.172.010		
IL-4	B-R14	IgG1		853.800.005				
IL-6	B-E8	IgG1		855.050.005		855.052.019		●
IL-6	B-F6	IgG1		855.060.005				
IL-7	B-N18	IgG1	854.073.020	853.720.005	954.071.010	954.072.010	854.074.010	
IL-7	B-S16	IgG1		855.840.005				

9xx xxx xxx products also available in CE format for IVD use in the EU only.

Monoclonal Antibodies

Specificity (Anti-Human)	Clone	Isotype	Purified	Azide Free	FITC	PE	Biotin	Biologically active clone
IL-8	B-K8	IgG1		855.080.005		855.082.019		●
IL-10	B-S10	IgG1		855.100.005				●
IL-10	B-T10	IgG2b		853.870.005				
IL-12p35/p70	B-T21	IgG1		855.120.005	855.121.010			●
IL-12p40/p70	B-P24	IgG1		855.130.005	855.131.010			●
IL-12p40/p70	B-P40	IgG1		855.180.005				
IL-13	B-B13	IgG1		855.140.005				●
IL-13	B-P6	IgG1		853.750.005				
IL-15	B-E29	IgG1		855.220.005				●
IL-17A	B-B51	IgG1		853.910.005				●
IL-17A	B-A50	IgG2b	853.943.020		853.941.019	853.942.019		
IL-17A	B-C49	IgG2b		853.950.005				
IL-17F	B-F60	IgG2b		855.360.005				●
IL-17F	B-G46	IgG2b		853.990.005				
IL-23	B-Z23	IgG1		853.920.005				●
IL-23	B-F43	IgG1		853.930.005				
IL-24	B-C60	IgG2b		855.630.005				
IL-24	B-C51	IgG2a		855.640.005				
IL-24	B-C54	IgG2a		855.680.005				
IL-27	B-G49	IgG2a	855.303.020	855.300.005	855.301.019	855.302.019		
IL-27	B-G44	IgG1		853.970.005				
IL-31	B-S31	IgG1		855.450.005				
IL-31	B-A51	IgG2b		855.460.005				
IL-33	B-L33	IgG1		855.470.005				
IL-33	B-S33	IgG1		855.480.005				
IL-35	B-P35	IgG1		850.660.005				
IL-35	B-S35	IgG1		855.670.005				
IP-10	B-C50	IgG2a	853.573.020	853.570.005	853.571.019			
IP-10	B-C55	IgG2a		855.420.000				
MCP-1	B-K41	IgG1		855.570.000				
MCP-1	B-Z21	IgG1		855.580.000				
MICA	B-N31	IgG1		855.380.000				
MICA	B-Z26	IgG2a	855.373.020	855.370.000				
MICB	B-D55	IgG1		855.530.000				
MICB	B-D54	IgG1		855.520.000	855.521.010	855.522.010		
NTR1	B-N6	IgM	857.043.020	857.040.000				●
NKp30	B-S30	IgG2b	855.653.020	855.650.000	855.651.010			
NKp44	B-N44	IgG1		855.810.000				
NKp46	B-N40	IgG1	855.433.020		855.431.010	855.432.010		
NKp46	B-L46	IgG2a		855.490.000				●
p53	B-P3	IgG2a		853.040.005				
p53	B-F34	IgG2b		853.660.000				
Perforin*	B-D48	IgG1	854.953.020	854.950.000	854.951.010	854.952.010		
Perforin	B-E48	IgG2b		853.620.000				
Perforin	B-C48	IgG1		853.640.000				
TNFα	B-D9	IgG1			855.161.019	855.162.019		
TNFα	B-F7	IgG1		855.330.005				
TNFα	B-C7	IgG1		855.150.005				●
anti BIOTIN	B-E24	IgG1		857.060.000				

Note: If you wish to use a Diaclone clone but can't find your conjugate please contact to discuss custom conjugation of any of our antibodies.

*Product available in PercP format.

Isotype Controls

Specificity (Anti-Human)	Clone	Purified	Azide Free	FITC	PE	PercP	Biotin
IgG1	B-Z1	857.073.020	857.070.000	857.071.010	857.072.010	857.078.010	857.074.010
IgG2a	B-Z2	857.083.020	857.080.000	857.081.010	857.082.010	857.088.010	857.084.010
IgG2b	B-Z40			857.731.010	857.732.010		
IgM	PPR-03	857.913.020					

Antibodies with Biological Activity

These antibodies available in Azide Free format can recognize both recombinant and natural proteins acting as either neutralizing, agonistic or enhancer antibodies. Available products and their Biological activities are shown below.

Specificity (Anti-Human)	Clone	Azide free	Biological Activity
CD2	B-E2	852.500.000	Inhibits mixed lymphocyte culture
CD3	B-B11	854.010.000	Induces T lymphocyte activation stimulation or proliferation
CD4	B-A1	854.030.000	Inhibits mixed lymphocyte culture
CD10	B-E3	854.090.000	Cytotoxic in association with Rabbit Complement on CD10+ Cells
CD20	B-H20	854.150.000	Cytotoxic in association with Complement on CD20+ cells
CD21	B-E5	854.160.000	Induces human B lymphocytes proliferation. Competes with EBV for CD21 binding
CD25	B-B10	852.000.000	Inhibits Mixed Lymphocyte Culture
CD25	B-F2	852.010.000	Inhibits Mixed Lymphocyte Culture
CD28	B-T3	854.220.000	Inhibits Mixed Lymphocyte Culture. Co-stimulates T cell proliferation
CD34 Class I	B-G25	854.240.000	Triggers KG-1a cell aggregation
CD40	B-B20	854.280.000	Stimulates B-cell proliferation together with IL-4
CD44	B-F24	852.600.000	Triggers T lymphocyte aggregation. Enhances hyaluronan binding to CD44
CD54	B-H17	852.690.000	Inhibits PHA stimulated T cell proliferation
CD86	B-T7	854.450.000	Inhibits Mixed Lymphocyte Culture
CD95	B-G27	853.000.000	Triggers FAS induced apoptosis
CD95	B-D29	853.030.000	Inhibits FasL induced apoptosis
CD102	B-T1	852.760.000	Inhibits cell adhesion and T cell activation
CD106	B-K9	852.770.000	Inhibits cell attachment to VCAM-1
CD117	B-K15	854.510.000	Inhibits the Kit-Ligand induced proliferation of TF1 cell line
CD126	B-F19	852.040.000	Inhibits IL-6 induced proliferation of XG-1 cell line. Inhibits IL-6 binding to its receptor
CD126	B-R6	852.030.000	Inhibits IL-6 induced proliferation of XG-1 cells
CD130	B-K5	852.070.000	Inhibits CNTF activity. Inhibits OSM binding to gp130
CD130	B-R3	852.060.000	Inhibits IL-6, IL-11, CNTF, LIF and OSM activities
CD130	B-P4	852.090.000	Inhibits IL-11 activity and binding to gp130, but not CNTF, LIF and OSM activities
CD130	B-P8	852.080.000	Inhibits CNTF activity and binding to gp130. Induces gp130 activation, Jak 1, Jak 2, Stat 1 and Stat 3 phosphorylation
CD130	B-S12	852.110.000	Activates cells carrying gp130. Induces gp130 activation, Jak 1, Jak 2, Stat 1 and Stat 3 phosphorylation
CD178	B-R17	853.070.000	Inhibits soluble CD178 induced apoptosis
CD184	B-R24	854.600.000	Inhibits HIV-1 infection
CD202b	B-B48	854.710.000	Inhibits Tek-L / Tek binding

Antibodies with Biological Activity

Specificity (Anti-Human)	Clone	Azide free	Biological Activity
CD253	B-S23	853.080.000	Enhances TRAIL induced apoptosis
CD253	B-T24	853.090.000	Inhibits TRAIL induced apoptosis
CD261	B-N36	854.850.000	Neutralizes TRAIL induced apoptosis on HEL cell line
CD262	B-D37	854.870.000	Agonist: induced apoptosis on Jurkat cells. Enhances TRAIL induced apoptosis of U937 cell line
CD262	B-K29	854.860.000	Neutralizes TRAIL induced apoptosis of U937 cell line
CD263	B-D44	854.890.000	Inhibits TRAIL binding to TRAIL R3
CDw218a	B-E43	854.900.000	Inhibits human IFN γ secretion induced by IL-18 stimulated cells
CDw218b	B-B46	854.910.000	Inhibits human IFN γ secretion induced by IL-18 stimulated cells
HLA Class1	W6/32	857.220.000	Inhibits the interaction between T cells and MHC molecules
IFN γ	B-B1	855.000.005	Inhibits IFN γ induced proliferation
IL-1 β	B-A15	855.010.005	Inhibits IL-1 β induced proliferation on D10S murine cell line
IL-2	B-G5	855.020.005	Inhibits IL-2 induced proliferation on CTL-L2 murine cell line
IL-4	B-S4	855.030.005	Inhibits IL-4 induced proliferation on TF1 cells
IL-6	B-E8	855.050.005	Inhibits IL-6 induced proliferation on B9 cells
IL-8	B-K8	855.080.005	Inhibits IL-8 induced chemotaxis of human neutrophils
IL-10	B-S10	855.100.005	Inhibits IL-10 induced proliferation on MC/9 cell line
IL-12	B-P24	855.130.005	Inhibits IL-12 induced proliferation on PHA and IL-2 activated lymphocytes
IL-12	B-T21	855.120.005	Inhibits IL-12 induced proliferation on PHA and IL-2 activated lymphocytes
IL-13	B-B13	855.140.005	Inhibits IL-13 induced proliferation on TF1 cell line
IL-15	B-E29	855.220.005	Inhibits IL-15 induced proliferation on Kit 225 cell line
IL-17A	B-B51	853.910.005	Inhibits the bioactivity of IL-17A on keratinocytes cell line HaCaT (measurement of defensin-2 production)
IL-17F	B-F60	855.360.005	Neutralises the bioactivity of IL-17F on HT1080 cell line (measurement of IL-6 production)
IL-23	B-Z23	853.920.005	Inhibits the bioactivity of rIL-23 on mouse splenocytes C57Bl/6 (measurement of mL-17 or mL-22 production)
NKp46	B-L46	855.490.000	The biological activity is measured by the ability of the coated antibody to induce degranulation of activated NK cells and to enhance IFN γ secretion by non activated NK cells
NTR 1	B-N6	857.040.000	Inhibits neurotensin binding to its receptor
TNF α	B-C7	855.150.005	Inhibits TNF α induced cytotoxicity on U937 cells

Partner with Diaclone

Diaclone is a leader in the manufacture and development of products utilised in key research, clinical and discovery applications by many research, pharmaceutical and manufacturing organisations worldwide. Our expertise, know-how and adaptability make us a trusted partner for:

- Custom product development and manufacture.
- BULK antibody and kit supply.
- OEM antibody and kit supply.
- Scientific collaboration.
- Bio-assay service.

Contact us info@diaclone.com for further information on the possibilities to utilise the Diaclone heritage and expertise.

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Bio production services: *In vitro* Monoclonal Antibody production, Cell production, Plasmid production and Recombinant protein production.

Fast ELISA Kits: Human, Mouse, Rat and Bovine immunoglobulin quantification in 30 minutes!

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