



Diaclone

Diaclone Immunology Products

Quick Guide Catalogue



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

WWW.GEN-PROBE.COM



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20 Years' Experience

With over 20 years' experience and extensive expertise we are committed to providing excellence in Monoclonal Antibody and Immunoassay development. The expanding range of Diaclone immunology products is specifically designed to advance research applications.

With the benefits of high specificity, high sensitivity and excellent customer service combined with the diversity of the product range, Diaclone immunology products are the clear choice to fast track your research.

Products available include:



Monoclonal
Antibodies



ELISA



ELISpot



DIAplex

Diaclone

Diaclone Antibodies

Diaclone monoclonal antibodies are highly specific, high quality mouse monoclonal antibodies for a broad range of human proteins, including CD antigens, Cytokines, Chemokines, Adhesion molecules and apoptosis related antigens.

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

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

► Flexibility

- Wide range of highly specific mouse anti-human antibodies
- Available for intracellular and cell surface membrane analysis
- Can recognise both recombinant and natural proteins acting as neutralizing, agonistic and enhancer antibodies
- Antibody performance is validated to ISO:9001 standards
- Wide range of formats, azide free, purified and conjugated
- Isotype Controls available to assess non-specific binding in assays



For individual antibody applications and catalogue numbers please visit our website
WWW.GEN-PROBE.COM

Specificity (Anti-Human)	Clone	Purified	Azide Free	FITC	PE	PercP	Biotin	Histology
CD1a	HI149	●		●				
CD1b / c	B-B5	●	●	●				
CD2 / LFA-2	B-E2	●	●	●	●		●	●
CD3	B-B11	●	●	●	●		●	
CD4	B-A1	●	●	●	●			●
CD5	B-B8	●	●	●	●			●
CD6	B-F3	●	●					
CD6	MEM-98			●				
CD7	B-H5							●
CD7	B-F12	●	●		●			
CD7	MEM-186			●				
CD8	B-Z31	●	●	●	●		●	●
CD9	TS9		●					
CD10	MEM-78			●				
CD10	B-E3	●	●		●			●
CD11a / LFA-1 / Integrin aL	B-B15	●	●	●	●			
CD11b / MAC-1 / Integrin aM	MEM-174	●		●	●			
CD11c / Integrin aX	BU15	●		●				
CD13	B-F10	●	●	●	●			
CD14	B-A8	●	●					
CD14	8G3			●	●		●	
CD15	MEM-158	●		●				
CD16	B-E16	●	●	●	●			
CD18 / Integrin b2	MEM-48	●	●	●	●			
CD19	B-C3	●	●	●			●	
CD19	B-D3				●			
CD20	B-H20	●	●	●	●			
CD21	B-E5	●	●	●	●			
CD21	B-D6							●
CD22 / BL-CAM	MEM-01	●		●	●			
CD23	B-G6	●	●	●	●			●
CD25 / IL-2R a Chain	B-B10	●	●	●	●		●	
CD25 / IL-2R a Chain	B-F2	●	●	●	●			●
CD25 / IL-2R a Chain	B-G3			●				
CD27	LT27	●			●			
CD27	9F4			●				
CD28	B-T3	●	●	●	●			
CD29 / Integrin b1	B-D15	●	●	●	●			●
CD 30	MEM-268	●						
CD31 / PECAM-1	B-B38	●	●	●	●			
CD33	HIM3-4	●		●				
CD34 Class I	B-G25	●	●					
CD34 Class I	B-C34	●	●	●	●			●
CD34 Class II	QBEND-10			●				
CD34 Class III	B-F23	●	●					
CD34 Class III	B-K34				●			
CD35	UJ11	●						
CD36	TR9	●						
CD36	IVC7			●				

Specificity (Anti-Human)	Clone	Purified	Azide Free	FITC	PE	PercP	Biotin	Histology
CD40	B-B20	●	●	●	●		●	
CD41a / GPIIb	HIP8	●						
CD41a / GPIIb	6C9			●				
CD41	MEM-06	●		●	●			
CD42b / GPIb	HIP1	●		●	●			
CD43	MEM-59	●		●	●			
CD44 / Pgp-1 / H CAM	B-F24	●	●	●				
CD45	B-A11	●	●	●	●			
CD45	B-B3							●
CD45RA	B-C15	●	●	●	●			●
CD45RO	UCHL1	●		●				
CD48 / BLAST-1	MEM-102	●		●				
CD49b / Integrin a2/ VLA-2	10G11			●				
CD49d / Integrin a4/ VLA-4	BU49	●		●				
CD49e / Integrin a5/ VLA-5	NKI-SAM-1							
CD50 / ICAM-3	B-R1	●	●	●				
CD53	TS53		●					
CD54 /ICAM-1	B-H17	●	●	●	●			
CD55	MEM-118	●		●				
CD56 / NCAM	B-A19	●	●		●			
CD56 / NCAM	MEM-188			●				
CD57	NC1	●						
CD58	B-L28	●	●		●			
CD59	MEM-43	●	●	●	●	●		
CD61	C17	●		●				
CD62E / E-SELECTIN	B-P7	●	●					
CD62L / L-SELECTIN	B-S13	●	●		●			
CD62P	AK6			●				
CD62P	HI62P	●						
CD62P	C2				●			
CD63	TS63		●					
CD64	10.1	●						
CD66a	B-D60	●						
CD71	B-G24	●	●	●				
CD75	B-L5	●	●					
CD80 / B7 / BB1	MEM-233	●		●	●			
CD81	TS81		●					
CD82	B-L2	●	●		●			●
CD82	TS82b		●					
CD86	B-T7	●	●	●	●			
CD95	B-G27	●	●	●	●			
CD95	B-D29	●	●					
CD99	B-N24	●	●		●			
CD102 / ICAM-2	B-T1	●	●	●				
CD105	MEM-226	●		●				
CD106 / VCAM-1	B-K9	●	●					
CD107a	B-T47	●	●	●	●			
CD109	B-E47	●	●		●			
CD112 / Stem Cells / PRR2	B-C12	●	●					●

Specificity (Anti-Human)	Clone	Purified	Azide Free	FITC	PE	PercP	Biotin	Histology
CD117 / c-Kit	B-K15	●	●		●		●	
CD126 / IL-6R	B-R6	●	●	●				
CD126 / IL-6R	B-F19		●					
CD126 / IL-6R	B-N12		●	●				
CD130 / gp130	B-R3	●	●	●				
CD130 / gp130	B-K5		●					
CD130 / gp130	B-P8		●					
CD130 / gp130	B-P4		●					
CD130 / gp130	B-K11		●					
CD130 / gp130	B-S12		●					
CD138 / SYNDECAN-1	B-A38	●	●	●	●	●	●	●
CD141 / Thrombomodulin	B-A35	●	●	●				
CD151 / PETA-3	B-E31	●	●					
CD154 / CD40 Ligand	B-B29	●	●	●	●			
CDw156c/ ADAM-10	11G2		●					
CD178 / Fas Ligand	B-R17	●	●				●	
CD184 / CXCR4	B-R24	●	●					
CD202b / Tie-2 / TEK	B-B48	●	●					
CD213a1/IL-13Ra1	B-K19		●				●	
CD213a2/IL-13Ra2	B-D13		●		●			
CDw218a/IL-18 Ra	B-E43	●	●		●			
CDw218b/IL-18 Rb	B-B46	●	●		●			
CD253 / TRAIL / APO2L	B-S23	●	●	●	●		●	
CD253 / TRAIL / APO2L	B-T24	●	●					
CD261 / TRAIL R1 / DR4	B-N36	●	●		●			
CD261 / TRAIL R1 / DR4	B-N28		●					
CD262 / TRAIL R2 / DR5	B-K29	●	●		●			
CD262 / TRAIL R2 / DR5	B-D37		●					
CD263 / TRAIL R3 / DcR1	B-D44	●	●		●			
CD263 / TRAIL R3 / DcR1	B-H47		●					
CD264 / TRAIL R4 / DcR2	B-R27	●			●			
CD264 / TRAIL R4 / DcR2	B-P30		●					
cMyc	9E10	●						
Galectin-10	B-F42	●	●					
HLA Class I	B-D11							●
HLA Class I	W6/32	●	●	●				
HLA Class II (-DR)	B-F1	●	●	●	●		●	
HLA Class II (-DQ)	B-K27	●	●					
IFNγ	B-B1		●	●	●			
IL-1β	B-A15		●	●	●			
IL-2	B-G5		●	●	●			
IL-4	B-S4		●					
IL-4	B-G28				●			
IL-6	B-E8		●		●			
IL-6	B-F6		●					
IL-8	B-K8		●		●			
IL-10	B-S10		●					
IL 12p35+p70	B-T21		●	●				
IL-12p40+p70	B-P24		●	●				

Specificity (Anti-Human)	Clone	Purified	Azide Free	FITC	PE	PercP	Biotin	Histology
IL-12p40+p70	B-P40		●					
IL-13	B-B13		●	●				
IL-15	B-E29		●					
IL-17A	B-B51		●					
IL-17A	B-A50	●						
IL-17F	B-F60		●					
IL-23	B-Z23		●					
IL-27	B-G49		●	●	●			
IP-10	B-C50	●	●		●			
Neurotensin Receptor 1	B-N6	●	●					
NKp46	B-N40	●	●					
NKp46	B-L46		●					
P53	B-P3		●					
Perforin	B-D48	●	●	●	●	●		
TNFCx	B-D9			●	●			
TNFCx	B-C7		●					
anti BIOTIN	B-E24		●					
Isotype Controls Specificity	Clone	Purified	Azide Free	FITC	PE	PercP	Biotin	Histology
Control IgG1	B-Z1	●	●	●	●	●	●	
Control IgG2a	B-Z2	●	●	●	●	●	●	
Control IgG2b	B-E4			●	●			
Control IgM	PFR-03	●						

Dual Colour (FITC / PE)			
Specificity (Anti-Human)	Clones	Specificity (Anti-Human)	Clones
CD2 / CD25	B-E2/B-B10	CD4 / CD45RA	B-A1/B-C15
CD3 / anti-HLA-DR	B-B11/B-F1	CD5 / CD19	B-B8/B-D3
CD3 / CD4	B-B11/B-A1	CD5 / CD20	B-B8/B-H20
CD3 / CD8	B-B11/B-H7	CD8 / CD25	B-H7/B-B10
CD3 / CD16	B-B11/B-E16	CD8 / CD28	B-H7/B-T3
CD3 / CD16+CD56	B-B11/B-E16+B-A19	CD8 / anti-HLA-DR	B-H7/B-F1
CD3 / CD19	B-B11/B-D3	CD13 / anti-HLA-DR	B-F10/B-F1
CD3 / CD25	B-B11/B-B10	CD14 / CD45	8G3/B-A11
CD3 / CD56	B-B11/B-A19	CD14 / CD86	8G3/B-T7
CD4 / CD62L	B-A1/B-S13	CD19 / CD10	B-C3/B-E3
CD4 / anti-HLA-DR	B-A1/B-F1	CD45 / CD14	B-A11/8G3
CD4 / CD8	B-A1/B-Z31	CD86 / CD19	B-T7/B-D3
CD4 / CD25	B-A1/B-B10		
Dual Colour Isotype Controls (FITC / PE)			
Specificity	Clones	Specificity	Clones
IgG1 / IgG1 CTRL	B-Z1/B-Z1	IgG2b / IgG1 CTRL	B-E4/B-Z1
IgG1 / IgG2a CTRL	B-Z1/B-Z2	IgG2a / IgG1 CTRL	B-Z2/B-Z1
IgG1 / IgG2b CTRL	B-Z1/B-E4	IgG2a / IgG2a CTRL	B-Z2/B-Z2

Diacclone Kits

► ELISA

Diacclone ELISA are highly sensitive assays designed for the *in-vitro* quantitative and qualitative determination of cytokines, CD antigens, apoptosis markers and other analytes from human serum, plasma and cell culture supernatant.

Diacclone ELISA are available in a number of formats with the contents shown below:

Diacclone ELISA Kits: Pre-coated 12 strip plates, Biotinylated Detection antibody, standard, controls (when available), buffers, Streptavidin-HRP, TMB and Stop Reagent.

Diacclone ELI-Pair Kits: Capture antibody, Biotinylated Detection antibody, standard, Streptavidin-HRP and TMB.



► ELISpot

Diacclone 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.

Diacclone ELISpot are available in a number of formats with the contents shown below:

Diacclone Pre-Coated (PC) ELISpot: Precoated PVDF plates, Detection antibody, Alkaline Phosphatase conjugate, BSA, BCIP/NBT ready-to-use substrate buffer.

Diacclone ELISpot kits: Capture and Detection antibodies, Alkaline Phosphatase conjugate, BSA, BCIP/NBT ready-to-use substrate buffer. Kits can be sold with sterile or non-sterile plates or without plates.

Diacclone ELISpot matched antibody pair: Capture and Detection antibodies.



For available kit sizes and catalogue numbers please visit our website
WWW.GEN-PROBE.COM

Soluble Antigens	SPECIES	ELISA Kit	ELI-Pair Kit	ELISpot-PC Kit	ELISpot Kit	ELISpot - Pair
CD14	Human	●				
CD21	Human	●				
CD86	Human	●				
CD141 / Thrombomodulin	Human	●	●			
Cytokine Receptors	SPECIES	ELISA Kit	ELI-Pair Kit	ELISpot-PC Kit	ELISpot Kit	ELISpot - Pair
CD25 / IL-2R	Human	●	●			
CD116 / GM-CSF R	Human	●				
CD117 / c-KIT	Human	●				
CD124 / IL-4R	Human	●				
CD126 / gp80	Human	●				
CD130 / gp130	Human	●				
CD213a2 / IL-13R α 2	Human	●				
CD138 / SYNDECAN-1	Human	●	●			
Adhesion Molecules	SPECIES	ELISA Kit	ELI-Pair Kit	ELISpot-PC Kit	ELISpot Kit	ELISpot - Pair
CD31 / PECAM-1	Human	●				
CD44 / Pgp-1	Human	●				
CD50 / ICAM-3	Human	●				
CD54 / ICAM-1	Human	●	●			
CD62E / ELAM-1 / E-Selectin	Human	●	●			
CD62L / LAM-1 / L-Selectin	Human	●				
CD62P / P-Selectin	Human	●				
CD102 / ICAM-2	Human	●				
CD106 / VCAM-1	Human	●	●			
Cytokine / Growth Factors	SPECIES	ELISA Kit	ELI-Pair Kit	ELISpot-PC Kit	ELISpot Kit	ELISpot - Pair
GM-CSF	Human	●				
GM-CSF	Murine	●				
IFN α	Human	●				
IFN γ	Human	●	●	●	●	●
IFN γ	Murine	●	●	●	●	●
IFN γ	Rat	●	●	●	●	●
IFN γ High Sensitivity	Human	●				
IL-1 α	Human	●	●			
IL-1 α	Murine	●				
IL-1 β	Human	●	●	●	●	●
IL-1 β	Rat	●				
IL-2	Human	●	●	●	●	●
IL-2	Murine	●	●	●	●	●
IL-2 High Sensitivity	Human	●				

Cytokine / Growth Factors	SPECIES	ELISA Kit	ELI-Pair Kit	ELISpot-PC Kit	ELISpot Kit	ELISpot - Pair
IL-4	Human	●	●	●	●	●
IL-4	Murine	●				
IL-4	Rat	●	●			
IL-4 High Sensitivity	Human	●				
IL-5	Human	●	●	●	●	●
IL-5	Murine	●				
IL-6	Human	●	●	●	●	●
IL-6	Murine	●	●			
IL-6	Rat	●				
IL-6 High Sensitivity	Human	●				
IL-7	Human	●	●			
IL-8	Human	●	●			
IL-10	Human	●	●	●	●	●
IL-10	Murine	●	●			
IL-10 High Sensitivity	Human	●				
IL-12p70	Human	●	●	●	●	●
IL-12p70	Murine	●				
IL-12p70 High Sensitivity	Human	●				
IL-12p40+p70	Human	●				
IL-13	Human	●	●	●	●	●
IL-15	Human	●				
IL-17A	Human	●	●	●	●	●
IL-17F	Human	●	●	●	●	●
IL-17A / F	Human	●	●	●	●	●
IL-23	Human	●				
IL-24	Human	●				
IL-27	Human	●				
IL-31	Human	●				
IL-33	Human	●				
MCP-1	Human	●				
TGF β 1	Human	●				
TGF β 1	Murine	●				
TGF β 1	Rat	●				
TGF β 2	Human	●				
TNF α	Human	●	●	●	●	●
TNF α	Murine	●				
TNF α	Rat	●	●	●	●	●
VEGF-A Biolisa	Human	●				
VEGF-A ELISA	Human	●				
VEGF-R1	Human	●				
LIF	Human	●				
IP-10	Human	●				

● Coming soon please contact for availability

Diaclone ELISA / Diaclone ELISpot

Apoptosis	SPECIES	ELISA Kit	ELI-Pair Kit	ELISpot-PC Kit	ELISpot Kit	ELISpot - Pair
CD40L	Human	●				
CD95 / FAS	Human	●				
CD178 / FAS-ligand	Human	●	●	●	●	●
Cytochrome C ELISA	Human	●				
Granzyme B	Human	●		●	●	●
p53	Human	●				
Perforin	Human	●	●	●	●	●
CD213a2 / IL-13R α 2	Human	●				
Trail / AP02L / CD253	Human	●				
Trail Receptor 1 / DR4 / CD261	Human	●				
Trail Receptor 2 / DR5 / CD262	Human	●				
Trail Receptor 3 / DcR1 / CD263	Human	●				
Trail Receptor 4 / DcR2 / CD264	Human	●				
Other	SPECIES	ELISA Kit	ELI-Pair kit	ELISpot-PC Kit	ELISpot Kit	ELISpot - Pair
MICA	Human	●				

Dual ELISpot / Dual Fluorospot				
Analyte	Analyte	SPECIES	Dual ELISpot	Dual Fluorospot
IFN γ	Perforin	Human	●	
IFN γ	Granzyme B	Human	●	●
IFN γ	IL-2	Human	●	●
IFN γ	IL-4	Human	●	●
IFN γ	IL-5	Human	●	●
IFN γ	IL-10	Human	●	●
IFN γ	IL-17A	Human	●	
IL-10	IL-2	Human	●	●
IL-10	IL-4	Human	●	●

Diaclone

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

► Efficiency and Reliability

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



For available panels and catalogue numbers please visit our website
WWW.GEN-PROBE.COM

Flexible by design

► Diaclone 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.

► Diaclone 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.

DIAplex Design		DIAplex Complete Panels				
Analyte	SPECIES	Th1	Th2	Th1 / Th2	Inflammation	Th1 / Th2 Inflammation
IFN γ	Human	●		●		●
IL-2	Human	●		●		●
IL-12p70	Human	●		●		●
TNF α	Human	●		●	●	●
IL-4	Human		●	●		●
IL-6	Human		●	●		●
IL-10	Human		●	●		●
IL-8	Human				●	●
IL-17A	Human				●	●
IL-1 β	Human				●	●

► Global Distribution

Diaclone has a global network of distributors, each with an established presence in the local market coupled with proven capabilities of providing and supporting scientific products. Together with our distributors we have invested in providing responsive customer service and trained representatives knowledgeable about Diaclone products.

For the USA please contact our distributor Cell Sciences:
T: 888 769 1246, email: info@cellsciences.com

Visit our website for a full list of distributors.

► Quality

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

Committed to providing
excellence in
Monoclonal Antibody and
Immunoassay development

