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## Functional antibodies against human, murine and rat CD-antigens (azide-free) for the prices of the small sizes please contact [info@immunotools.de](mailto:info@immunotools.de)

Specificity	Clone	Isotype	Format	Application	vol	Cat.No	€
<b>Functional antibodies against human CD-antigens</b>							
<b>CD3</b>	MEM-57	IgG2a	purified	func.application	100 µg 300 µg	<a href="#">21270030</a> 21270030X2	99 219
	UCHT-1	IgG1κ	purified	func.application	100 µg 300 µg	<a href="#">21620030</a> 21620030X2	79 159
	OKT-3	IgG2a	purified	func.application	100 µg 300 µg	<a href="#">21850030</a> 21850030X2	79 159
<b>CD4</b>	IT4	IgG1κ	purified	func.application	100 µg 300 µg	<a href="#">21459040</a> 21459040X2	69 139
	MEM-115	IgG2a	purified	func.application	100 µg 300 µg	<a href="#">21279040</a> 21279040X2	99 219
	MEM-241	IgG1	purified	func.application	100 µg 300µg	<a href="#">21270040</a> 21270040X2	99 199
	EDU-2	IgG2a	purified	func.application	100 µg 300µg	<a href="#">21278040</a> 21278040X2	79 159
	OKT-4	IgG2b	purified	func.application	100 µg 300µg	<a href="#">21850040</a> 21850040X2	79 159
<b>CD8</b>	MEM-31	IgG2a	purified	func.application	100 µg 300 µg	<a href="#">21270080</a> 21270080X2	99 199
	UCHT-4	IgG2a	purified	func. application	100 µg 300 µg	<a href="#">21620080</a> 21620080X2	79 159
<b>CD9</b>	MEM-61	IgG1	purified	func.application	100 µg 300 µg	<a href="#">21270090</a> 21270090X2	99 219
<b>CD11a</b>	MEM-25	IgG1	purified	func.application	100 µg 300 µg	<a href="#">21270110</a> 21270110X2	99 219
<b>CD11b</b>	MEM-174	IgG2a	purified	func.application	100 µg 300 µg	<a href="#">21279110</a> 21279110X2	99 219
<b>CD11c</b>	BU15	IgG1	purified	func.application	100 µg 300 µg	<a href="#">21487110</a> 21487110X2	99 219
<b>CD14</b>	MEM-18	IgG1	purified	func.application	100 µg 300 µg	<a href="#">21270140</a> 21270140X2	99 219
	MEM-15	IgG1	purified	func.application	100 µg 300 µg	<a href="#">21279140</a> 21279140X2	99 219
	18D11	IgG1	purified	func.application	100 µg 300 µg	<a href="#">21620140</a> 21620140X2	79 159

FC= functional application FCM= Flow Cytometry ICC= Immunocytochemistry IF=Immunofluorescence  
IHC= Immunohistochemistry (f=frozen, p=paraffin) IP= Immunoprecipitation WB= Western Blotting

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Specificity	Clone	Isotype	Format	Application	vol	Cat.No	€
<b>CD18</b>	MEM-48	IgG1	purified	func.application	100 µg	<a href="#">21270180</a>	99
					300 µg	21270180X2	219
<b>CD20</b>	MEM-97	IgG1	purified	func.application	100 µg	<a href="#">21270200</a>	99
					300 µg	21270200X2	219
<b>CD28</b>	CD28.2	IgG1	purified	func.application	100 µg	<a href="#">21270280</a>	119
					300 µg	21270280X2	229
<b>CD34</b>	4H11	IgG1	purified	func.application	100 µg	<a href="#">21270340</a>	99
					300 µg	21270340X2	219
<b>CD37</b>	HH1	IgG1	purified	func.application	100 µg	<a href="#">21620370</a>	79
					300 µg	21620370X2	159
<b>CD43</b>	MEM-59	IgG1	purified	func.application	100 µg	<a href="#">21270430</a>	99
					300 µg	21270430X2	219
<b>CD44</b>	MEM-85	IgG2b	purified	func.application	100µg	<a href="#">21270440</a>	99
					300 µg	21270440X2	219
<b>CD45</b>	MEM-28	IgG1	purified	func.application	100 µg	<a href="#">21270450</a>	99
					300 µg	2170450X2	199
<b>CD45RO</b>	UCHL1	IgG2a	purified	func.application	100 µg	<a href="#">21336450</a>	99
					300 µg	21336450X2	219
<b>CD46</b>	MEM-258	IgG1	purified	func.application	100 µg	<a href="#">21270460</a>	99
					300 µg	21270460X2	219
<b>CD49d</b>	PS/2	Rat IgG2b	purified	func.application	100 µg	<a href="#">21858490</a>	79
					300 µg	2185849X2	159
<b>CD58</b>	MEM-63	IgG1	purified	func.application	100 µg	<a href="#">21270580</a>	99
					300 µg	21270580X2	219
<b>CD59</b>	MEM-43	IgG2a	purified	func.application	100 µg	<a href="#">21270590</a>	99
					300 µg	21270590X2	219
<b>CD62E</b>	HCD62E	IgG1	purified	func.application	100 µg	<a href="#">21348620</a>	99
					300 µg	21348620X2	219
<b>CD69</b>	FN50	IgG1	purified	func.application	100 µg	<a href="#">21620690</a>	79
					300 µg	21620690X2	159

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Specificity	Clone	Isotype	Format	Application	vol	Cat.No	€
<b>CD80</b>	MEM-233	IgG1	purified	func.application	100 µg	<a href="#">21270800</a>	99
					300 µg	21702800X2	219
<b>CD86</b>	BU63	IgG1	purified	func.application	100 µg	<a href="#">21480860</a>	99
					300 µg	21480860X2	219
<b>CD98</b>	MEM-108	IgG1	purified	func.application	100 µg	<a href="#">21270980</a>	99
					300 µg	21270980X2	219
<b>CD107a</b>	H4A3	IgG1	purified	func.application	100 µg	<a href="#">21271070</a>	129
<b>CD137</b>	4B4-1	IgG1	purified	func.application	100 µg	<a href="#">21271370</a>	119
<b>CD162</b>	TC2	IgG1	purified	func.application	100 µg	<a href="#">21271620</a>	79
					300 µg	21271620X2	159
<b>HLA-ABC</b>	W6/32	IgG2a	purified	func.application	100 µg	<a href="#">21159030</a>	79
					300 µg	21159030X2	159
<b>panHLA-classII</b>	HKB1	IgM	purified	func.application	100 µg	<a href="#">21629230</a>	79
					300 µg	21629230X2	159
<b>IFNgamma</b>	B27	IgG1	purified	func.application	100 µg	<a href="#">21853530</a>	79
					300 µg	21853530X2	159
<b>IFNgamma</b>	B133.5	IgG1	purified	func.application	100 µg	<a href="#">21853630</a>	89
<b>IL-6</b>	8C9	IgG2b	purified	func.application +Neutralisation	100 µg	<a href="#">21670060</a>	79
					300 µg	21270060X2	159
<b>VLA-4</b>	PS/2	Rat IgG2b	purified	func.application	100 µg	<a href="#">21858490</a>	79
					300 µg	21858490X2	159
<b>Mouse IgG1 Control</b>	PPV-06	IgG1	purified	func.application	100 µg	<a href="#">21275510</a>	99
<b>Mouse IgG2a Control</b>	PPV-04	IgG2a	purified	func.application	100 µg	<a href="#">21275520</a>	99
<b>Mouse IgG2a Control</b>	PLRV219	IgG2b	purified	func.application	100 µg	<a href="#">21275530</a>	99

# Functional antibodies

## against human, murine and rat CD-antigens (azide-free)

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Specificity	Clone	Isotype	Format	Application	vol	Cat.No	€
<b>CD3e</b>	145-2C11	Hamster IgG	purified	func.application	100 µg	<a href="#">22150030</a>	79
					300 µg	22150030X2	159
<b>CD4</b>	YTS 191.1	Rat IgG2b	purified	func.application	100 µg	<a href="#">22150040</a>	89
					300 µg	22150040X2	179
<b>CD4</b>	GK1.5	Rat IgG2b	purified	func.application	100 µg	<a href="#">22850040</a>	79
					300 µg	22850040X2	159
<b>CD11a</b>	M17/4	Rat IgG2a	purified	func. application	100 µg	<a href="#">22850110</a>	79
					300 µg	22850110X2	159
<b>CD11b</b>	M1/70	Rat IgG2b	purified	func.application	100 µg	<a href="#">22159110</a>	79
					300 µg	22159110X2	159
<b>CD18</b>	M18/2	Rat IgG2a	purified	func.application	100 µg	<a href="#">22850180</a>	79
					300 µg	22850180X2	159
<b>CD19</b>	1D3	Rat IgG2a	purified	func.application	100 µg	<a href="#">22270190</a>	79
					300 µg	22270190X2	159
<b>CD25</b>	PC61.5.3	Rat IgG1	purified	func.application	100 µg	<a href="#">22150250</a>	79
					300 µg	22150250X2	159
<b>CD28</b>	37.51	Hamster IgG	purified	func.application	100 µg	<a href="#">22270280</a>	119
					300 µg	22270280X2	229
<b>CD40L</b>	MR-1	Rat IgG2b	purified	func.application	100 µg	<a href="#">22859400</a>	79
					300 µg	22859400X2	159
<b>CD44</b>	IM7	Rat IgG2b	purified	func.application	100 µg	<a href="#">21850440</a>	79
					300 µg	21850440X2	159
<b>CD45</b>	IBK-5/25	Rat IgG1	purified	func.application	100 µg	<a href="#">22150450</a>	99
					300 µg	22150450X2	199
<b>CD48</b>	HM48-1	Hamster IgG	purified	func.application	100 µg	<a href="#">22850480</a>	79
					300 µg	22850480X2	159
<b>CD49d</b>	PS/2	Rat IgG2b	purified	func.application	100 µg	<a href="#">21858490</a>	79
					300 µg	21858490X2	159
<b>CD54</b>	YNI.7.4	Rat IgG2b	purified	func.application	100 µg	<a href="#">22270540</a>	89
<b>CD62L</b>	MEL-14	Rat IgG2a	purified	func.application	100 µg	<a href="#">22159620</a>	99
					300 µg	22159620X2	199

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against human, murine and rat CD-antigens (azide-free)  
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Specificity	Clone	Isotype	Format	Application	vol	Cat.No	€
<b>CD70</b>	FR70	Rat IgG2b	purified	func.application	100 µg	<a href="#">22850700</a>	89
<b>CD80</b>	16-10A1	Hamster IgG2	purified	func.application	100 µg 300 µg	<a href="#">22850800</a> 22850800X2	79 159
<b>CD81</b>	Eat2	Hamster IgG	purified	func.application	100 µg 300 µg	<a href="#">22150810</a> 22150810X2	99 199
<b>CD86</b>	GL-1	Rat IgG2a	purified	func.application	100 µg 300 µg	<a href="#">22270860</a> 22270860X2	79 159
<b>CD154</b>	MR-1	Rat IgG2b	purified	func.application	100 µg 300 µg	<a href="#">22859400</a> 22859400X2	79 159
<b>CD134L</b>	RM 134L	Rat IgG2b	purified	func.application	100 µg	<a href="#">22852520</a>	89
<b>CD252</b>	RM 134L	Rat IgG2b	purified	func.application	100 µg	<a href="#">22852520</a>	89
<b>B7-1</b>	16-10A1	Hamster IgG2	purified	func.application	100 µg 300 µg	<a href="#">22850800</a> 22850800X2	79 159
<b>GM-CSF</b>	MP1-22Ep	Rat IgG2a	purified	func.application	100 µg 300 µg	<a href="#">22853120</a> 22853120X2	79 159
<b>Gr1</b>	RB6-8C5	Rat IgG2b	purified	func. application	100 µg	<a href="#">22155240</a>	99
<b>IFNgamma</b>	R4-6A2	Rat IgG1	purified	func.application	100 µg	<a href="#">22853530</a>	89
	XMG1.2	Rat IgG1	purified	func.application	100 µg	<a href="#">22853630</a>	89
<b>IL-2R</b>	PC-61.5.3	Rat IgG1	purified	func.application	100 µg	<a href="#">22150250</a>	79
					300 µg	22150250X2	159
<b>NK-cells</b>	PK136	Mouse IgG2a	purified	func.application	100 µg	<a href="#">22155250</a>	79
					300 µg	22155250X2	159
<b>VLA-4</b>	PS/2	Rat IgG2b	purified	func.application	100 µg	<a href="#">21858490</a>	79
					300 µg	21858490X2	159

Functional antibodies against rat CD-antigens

<b>CD161</b>	10 - 78	Mouse IgG1	purified	func.application	100 µg 300 µg	<a href="#">23151610</a> 23151610X2	89 179
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Specificity	Clone	Isotype	Format	Application	vol	Cat.No	€
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## Antibodies against human CDantigens:

CD1a, CD2, C3/C3b/iC3b, CD3, CD4, CD5, CD6, CD7, CD8, CD9, CD10, CD11a, CD11b, CD11c, CD13, CD14, CD15, CD16, CD16b, CD17, CD18, CD19, CD20, CD21, CD22, CD23, CD24, CD25, CD26, CD27, CD28, CD29, CD30, CD31, CD32, CD33, CD34, CD35, CD36, CD37, CD38, CD40, CD41, CD41a, CD42b, CD43, CD44, CD45, CD45RA, CD45RB, CD45RO, CD46, CD47, CD48, CD49d, CD49e, CD49f, CD50, CD51, CD52, CD53, CD54, CD55, CD56, CD57, CD58, CD59, CD61, CD62E, CD62L, CD62P, CD63, CD66ade (CEACAM1/3/5), CD66adecb (CEACAM1/3/5/6/8), CD66b (CEACAM8), CD66c (CEACAM6), CD66de (CEACAM3/5), CD66e (CEACAM5), CD66eb (CEACAM5/8), CD66ecb (CEACAM5/6/8), CD69, CD70, CD71, CD72, CD73, CD74, CD79a, CD80, CD81, CD86, CD90, CD95, CD97, CD98, CD99, CD99R, CD101, CD103, CD105, CD106, CD108, CD116, CD117, CD122, CD127, CDw131, CD138, CD139, CD147/Emmprin, CD162, CD163, CD177, CD195, CD222, CD235a, CD235ab, CD279, CD314, CD319

## Antibodies against human antigens:

Albumin, ANCA, BDNF, beta III-Tubulin, Calprotectin (MRP814), Cox-1, dsDNA, Emmprin/CD147, Eotaxin/CCL11, Eotaxin-3/CCL26, Factor H, FGF-b/ FGF-2, Follicular Dendritic Cells, FoxP3, GM-CSF, Granzyme K, HLA-ABC, HLA-Class I, panHLA-Class II, sHLA-G, HLA-DR, HLA-DR+DP, IFN alpha, IFNgamma, IGF-1, IgE, IgG, IgM, IL-1RA/IL1F3, IL-2, IL-4, IL-6, IL-7, IL-8/CXCL8, IL-10, IL-12p40, IL-15, IL-18, IL-25/IL-17E, Kappa chain, KRT18/Cytokeratin18, Lactoferrin, Lambda chain, MCP-1/CCL2, MCP-2/CCL8, MCP-3/CCL7, MCP-4/ CCL13, MDC/CCL22, MIP-1a/CCL-3, MIP-3a/CCL20, MIP-3b/CCL19, MPO, NGF-beta, NT4, NTAL, p53, hu-PrP, Rantes/CCL5, anti-Syk, TCRab, TECK/CCL25, TGF-beta1, TNF-alpha, TNFR/CD120a, TSLP, TSLPR, tTG, VEGF-A, VEGF-C, VEGFR-1/Flt-1, VEGFR-2/KDR, VEGFR-3/Flt-4

## Isotype Controls:

mouse IgG1 Control, mouse IgG2a Control, mouse IgG2b Control, mouse IgG3 Control, mouse IgM Control, rat IgG2b Control

## IT-Box-systems:

several IT-Boxes with fluorescence conjugated antibodies each vial containing 100µl

## Secondary antibodies

## Apoptose

## Streptavidine

## Antibodies against mouse CDantigens and antigens

C3/C3b/iC3b, CD3, CD3e, CD3z(CD247), CD4, CD5, CD8, CD8a, CD9, CD11a, CD11b, CD18, CD19, CD25, CD28, CD29, CD34, CD35/21, CD40L, CD44, CD45, CD45R, CD45RB, CD45RC, CD48, CD49d, CD49f, CD54 (ICAM) CD55(DAF), CD59, CD62L, CD70, CD80 (B7-1), CD81(TAPA-1), CD86, CD90(THY1.1), CD117, CD134, CD134L, CD154, CD161 (NK-cells) dCD247(CD3z), CD252, mCR1/2, dsDNA, Erythroid Cell, FoxP3, GM-CSF, Gr-1, IFNgamma, IL-2, IL-2R, IL-6, IL-12p40, MHCII A-E, NK-cells, TCR α/β, TCR γ/δ, VEGF-C

## Antibodies against rat CDantigens and antigens

CD2, CD4, CD5, CD8a, CD8b, CD11a, CD11b/c, CD25, CD43, CD44, CD45, CD45RA/B, CD45RC, CD48, CD54, CD62L, CD71, CD81, CD90(THY1.1), CD152, CD161(NK-cells), CD172a, CD200, Dendritic Cells, dsDNA, Endothelium, Ig kappa chain, T-cells, TCR α/β, TCR γ/δ, VEGF-C

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## [Antibodies against bovine / porcine CDantigens](#)

porcine: CD20, CD21, CD29, CD47, CD58, CD105, Calprotectin (MRP8/14)

bovine: PrP, recombinant PrP, CD20, CD21, CD46, CD54

## [Antibodies against equine antigens](#)

IL-3, IL-17

## [Special offers](#)