

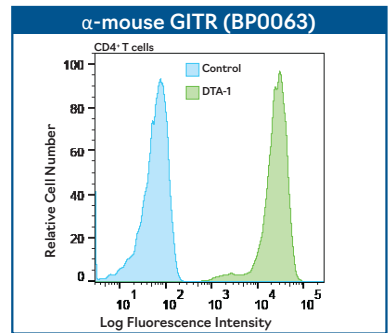
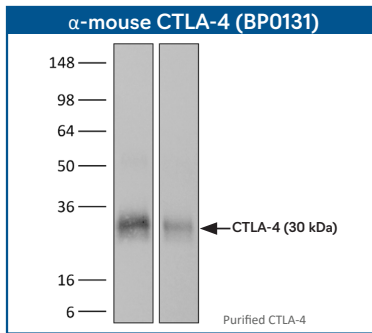
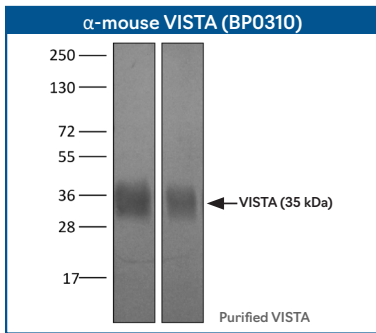
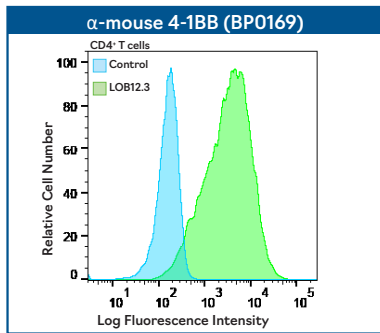
Cancer

Antibodies for Cancer Research

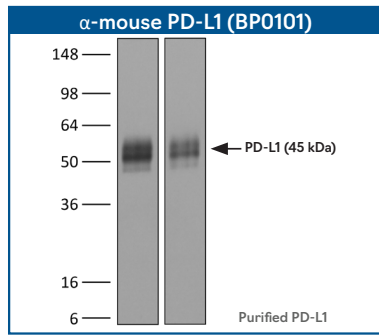
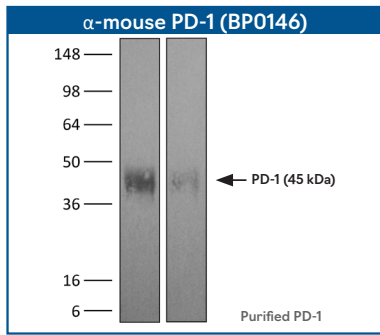
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Antibodies for Cancer Research



Antigen	Reactivity	Application	Clone	Catalog #	Isotype Control
4-1BB (CD137)	Mouse	<i>in vivo</i> activation of 4-1BB	LOB12.3	BP0169	BP0088
4-1BB (CD137)	Mouse	<i>in vivo</i> 4-1BB stimulation, <i>in vitro</i> 4-1BB stimulation	3H3	BE0239	BE0089
4-1BB (CD137)	Mouse	<i>in vitro</i> 4-1BB blockade, FC	17B5	BE0296	BE0087
4-1BBL (CD137L)	Mouse	<i>in vivo</i> 4-1BBL blockade, , ELISA	TKS-1	BE0110	BE0089
B7-1 (CD80)	Mouse	<i>in vivo</i> CD80 blockade, Affinity chromatography	1G10	BE0134	BE0089
BTLA (CD272)	Mouse	<i>in vivo</i> BTLA stimulation, <i>in vivo</i> BTLA blockade	6A6	BE0132	BE0091
BTLA (CD272)	Mouse	<i>in vivo</i> stimulation of BTLA, <i>in vitro</i> stimulation of BTLA, FC	PK18.6	BE0153	BE0088
BTLA (CD272)	Mouse	<i>in vivo</i> BTLA blockade, <i>in vitro</i> T cell stimulation/activation, FC	PJ196	BE0196	BE0083
CD19	Mouse	<i>in vivo</i> B cell depletion, <i>in vivo</i> CD19 neutralization, <i>in vitro</i> B cell negative selection, FC	1D3	BE0150	BE0089
CD19	Human	FC, Functional assays, IF, Chimeric antigen receptor construction	4G7	BE0281	BE0083
CD20	Human/Monkey	<i>in vivo</i> B cell depletion in hCD20 Tg mice, IHC-F, IP, FC	2H7	BE0276	BE0086
CD20	Mouse	FC, WB, Not recommended for <i>in vivo</i> B cell depletion	AISB12	BE0302	BE0089
CD20	Mouse	<i>in vivo</i> B cell depletion, WB	MB20-11	BE0356	BE0366
CD28	Mouse	<i>in vitro</i> T cell stimulation/activation, <i>in vivo</i> CD28 blockade	37.51	BE0015-1	BE0087
CD28	Mouse	<i>in vitro</i> T cell stimulation/activation	PV-1	BE0015-5	BE0091
CD28	Human	<i>in vitro</i> T cell stimulation/activation	9.3	BE0248	BE0085
CD28	Human/Monkey	<i>in vitro</i> T cell stimulation/activation, IP, FC, IHC-F	CD28.2	BE0291	BE0083
CD28	Mouse	<i>in vivo</i> T cell stimulation/activation, <i>in vitro</i> T cell stimulation/activation	D665	BE0328	BE0083
CD38	Mouse	<i>in vivo</i> CD38 stimulation, <i>in vitro</i> CD38 stimulation, <i>in vitro</i> B cell activation, IF, ELISA, FC	NIMR5	BE0317	BE0089
CD40	Mouse	<i>in vivo</i> CD40 activation, <i>in vitro</i> B cell stimulation/activation	FGK4.5/FGK45	BP0016-2	BP0089
CD40L (CD154)	Mouse	<i>in vivo</i> blocking of CD40/CD40L signaling, <i>in vitro</i> blocking of CD40/CD40L signaling, WB	MR-1	BP0017-1	BP0091
CD40L (CD154)	Human/Monkey	<i>in vitro</i> blocking of CD40/CD40L signaling, <i>in vivo</i> blocking of CD40/CD40L signaling, IP, FC	5C8	BE0292	BE0085
CD44	Mouse/Human	<i>in vivo</i> CD44 neutralization, , <i>in vitro</i> CD44 neutralization	IM7	BE0039	BE0090
CD44	Human	<i>in vivo</i> CD44 blockade in xenografts, <i>in vitro</i> CD44 blockade, WB, IF	Hermes-1	BE0262	BE0089
CD47	Human	<i>in vitro</i> CD47 neutralization, <i>in vivo</i> CD47 neutralization in human tumor xenograft models or humanized mice, FC	B6.H12	BE0019-1	BE0083
CD47	Human/Mouse/Rat	<i>in vivo</i> CD47 blockade, <i>in vitro</i> CD47 blocking, IF	MIAP410	BP0283	BE0083
CD47 (IAP)	Mouse	<i>in vivo</i> CD47 blockade, <i>in vitro</i> CD47 blockade, IF	MIAP301	BE0270	BE0089
CD69	Mouse	<i>in vivo</i> down-regulation of CD69 expression, Functional assays	CD69.2.2	BE0330	BE0083
CD70	Mouse	<i>in vivo</i> CD70 blockade, <i>in vitro</i> CD70 blockade, FC	FR70	BE0022	BE0090
CD71 (TfR1)	Mouse	<i>in vivo</i> depletion of CD71+ cells	R17 2171.3	BE0175	BE0089
CD71 (TfR1)	Mouse	<i>in vivo</i> depletion of CD71+ cells, IF, IHC-F, WB	8D3	BE0329	BE0089
CD71 (TfR1)	Rat/Mouse	Targeted drug delivery to the brain, IHC-F, FC	OX-26	BE0331	BE0085
CD73	Mouse	<i>in vivo</i> CD73 blockade, , <i>in vitro</i> CD73 blockade	TY/23	BE0209	BE0089
CD80 (B7-1)	Mouse	<i>in vivo</i> CD80 blockade, FC	16-10A1	BE0024	BE0091
CD86 (B7-2)	Mouse	<i>in vivo</i> CD86 blockade, FC	GL-1	BE0025	BE0089
CD96	Mouse	<i>in vivo</i> CD96 blocking, <i>in vitro</i> CD96 blocking, FC	3.3	BE0337	BE0088
CD103	Mouse	<i>in vivo</i> CD103 neutralization, IF, FC	M290	BE0026	BE0089
CD172a (SIRPα)	Mouse	<i>in vivo</i> SIRPα blocking, <i>In vitro</i> SIRPα blocking, WB, IP, FC	P84	BE0322	BE0088
CD209b (SIGN-R1)	Mouse	<i>in vivo</i> SIGN-R1 blockade, IHC-F, WB, FC	22D1	BE0220	BE0091
CD276 (B7-H3)	Mouse	<i>in vivo</i> B7-H3 blockade, FC	MJ18	BE0124	BE0088
CD314 (NKG2D)	Mouse	<i>in vivo</i> NKG2D blockade, <i>in vitro</i> NKG2D blockade, FC	CX5	BE0334	BE0088
CD326 (EpCAM)	Mouse	IHC-F, IF, FC, WB	G8.8	BE0346	BE0089
CD326 (EpCAM)	Human	IHC-P, IF, FC, IP	Ber-EP4	BE0386	BE0083
c-Kit (CD117)	Mouse	FC, IF, IHC	2B8	BE0280	BE0090
c-Kit (CD117)	Mouse	<i>in vivo</i> mast cell depletion, <i>in vivo</i> c-Kit+ cell depletion, <i>in vitro</i> c-Kit neutralization, IP, FC	ACK2	BE0293	BE0090
c-myc	Human	WB, ELISA, IP, FC	9E10	BE0238	BE0083
CLEC9A (CD370)	Mouse	<i>in vivo</i> CLEC9A blockade, <i>in vivo</i> Ag targeting to CLEC9A+ DCs, WB, ELISA, IP, IF, FC	7H11	BE0305	BE0088
CSF1R (CD115)	Mouse	<i>in vivo</i> macrophage depletion, <i>in vitro</i> CSF1R neutralization, <i>in vivo</i> monocyte depletion, FC, WB	AFS98	BP0213	BP0089
CSF1R (CD115)	Human	<i>in vitro</i> CSF1R neutralization, IHC-P, Functional assays, FC	2-4A5-4	BE0347	BE0088
CTLA-4 (CD152)	Mouse	<i>in vivo</i> CTLA-4 neutralization, <i>in vitro</i> CTLA-4 neutralization, FC, WB	UC10-4F10-11	BP0032	BP0091



InVivoMab vs. InVivoPlus		
	InVivoMab	InVivoPlus
purity level	> 95%	> 95%
protein aggregates validated at ≤ 5%		✓
azide and carrier protein free	✓	✓
endotoxin concentration	< 2EU/mg	< 1EU/mg
validated by immunoblot, FC, or ELISA		✓
screened for murine pathogens		✓
available in bulk quantities	✓	✓

Antigen	Reactivity	Application	Clone	Catalog #	Isotype Control
CTLA-4 (CD152)	Mouse	<i>in vivo</i> CTLA-4 neutralization, <i>in vitro</i> CTLA-4 neutralization, WB	9H10	BP0131	BP0087
CTLA-4 (CD152)	Mouse	<i>in vivo</i> CTLA-4 neutralization, WB	9D9	BP0164	BP0086
CTLA-4 (CD152)	Human	<i>in vitro</i> CTLA-4 neutralization, FC	BN13	BE0190	BE0085
DR5 (CD262)	Mouse	<i>in vivo</i> induction TRAIL-mediated apoptosis, <i>in vitro</i> induction TRAIL-mediated apoptosis	MD5-1	BE0161	BE0091
EGFR	Human	<i>in vitro</i> EGFR blockade, <i>in vivo</i> EGFR blockade in xenografts, WB, Functional assays	225 (HB8508)	BE0278	BE0083
EGFR	Human	<i>in vitro</i> EGFR blockade, <i>in vivo</i> EGFR blockade in xenografts, WB, Functional assays, IP, IHC-P, IF, FC	528	BE0279	BE0085
EphA2	Human	IHC-P, IP, Functional assay	B2D6	BE0341	BE0086
E-Cadherin (CD324)	Mouse	<i>in vivo</i> E-Cadherin neutralization, <i>In vitro</i> E-Cadherin neutralization, IP, IF, WB	DECMA-1	BE0352	BE0088
E-selectin (CD62E)	Mouse	<i>in vivo</i> E-selectin blockade, <i>in vitro</i> E-selectin blockade, IHC-F	9A9	BE0294	BE0090
FasL (CD178)	Mouse	<i>in vivo</i> FasL blockade, <i>In vitro</i> FasL blockade, Functional assay, IHC-P, FC	MFL3	BE0319	BE0091
FGL-1	Mouse	<i>in vivo</i> FGL-1 blockade, <i>in vitro</i> FGL-1 blockade, FC, IHC-P	177R4	BE0332	BE0089
Galectin-9	Mouse	<i>in vivo</i> Galectin-9 blockade <i>in vitro</i> Galectin-9 blockade	RG9-1	BE0218	BE0090
GITR	Mouse	<i>in vivo</i> GITR stimulation	DTA-1	BE0063	BE0090
GM-CSF	Mouse	<i>in vivo</i> GM-CSF neutralization, <i>in vitro</i> GM-CSF neutralization, FC	MP1-22E9	BE0259	BE0089
HER2 (neu)	Human/Rat	<i>in vivo</i> HER2/neu inhibition, <i>in vitro</i> HER2/neu inhibition, IP, IF, FC	7.16.4	BE0277	BE0085
ICOS	Mouse	<i>in vivo</i> blocking of ICOS/ICOSL signaling, FC	7E.17G9	BE0059	BE0090
ICOSL (CD275)	Mouse	<i>in vivo</i> ICOSL neutralization	HK5.3	BE0028	BE0089
IL-17F	Mouse	<i>in vivo</i> IL-17F neutralization	MM17F8F5.1A9	BE0303	BE0083
IL-27 p28	Mouse	<i>in vivo</i> IL-27 p28 neutralization, <i>in vitro</i> IL-27 p28 neutralization, FC	MM27.7B1	BE0326	BE0085
IL-7R α (CD127)	Mouse	<i>in vivo</i> blocking of IL-7R α signaling, FC	A7R34	BE0065	BE0089
Jagged2	Mouse	<i>in vivo</i> Jagged 2 neutralization	HMJ2-1	BE0125	BE0091
LAG-3	Mouse	<i>in vivo</i> LAG-3 neutralization, <i>in vitro</i> LAG-3 neutralization, FC, WB	C9B7W	BP0174	BP0088
LPAM-1 (Integrin α 4 β 7)	Mouse	<i>in vivo</i> Integrin α 4 β 7 neutralization, FC	DATK32	BE0034	BE0089
LRP1 (CD91)	Mouse/Human/Rat	WB, IF, IP	11H4	BE0333	BE0083
Ly6G	Mouse	<i>in vivo</i> neutrophil depletion, <i>in vivo</i> MDSC depletion, IF, IHC-P, IHC-F, FC	1A8	BP0075-1	BP0089
Ly6G/Ly6C (Gr-1)	Mouse	<i>in vivo</i> neutrophil depletion, IHC-P, IHC-F, IF, FC	NIMP-R14	BE0320	BE0090
Ly6G/Ly6C (Gr-1)	Mouse	<i>in vivo</i> depletion of Gr-1 ⁺ myeloid cells, FC, IHC-P, IHC-F	RB6-8C5	BP0075	BP0090
MAGEC2 (CT10)	Human	IHC-P, IF, WB	LX-CT10.5	BE0335	BE0085
MDR-1 (CD243)	Human/Monkey	<i>in vivo</i> MDR-1 blocking/depletion in xenogeneic murine tumor models, <i>in vitro</i> MDR-1 blocking, IHC-P	UIC2	BE0340	BE0085
MUC1 (CD227)	Human	<i>in vivo</i> administration in mouse xenograft models, IHC-P, IF, <i>in vitro</i> cell cytotoxicity assay, WB	C595 (NCRC48)	BE0336	BE0093
NKG2A/C/E	Mouse	<i>in vivo</i> NKG2A blockade (see description), <i>in vitro</i> NKG2A blockade, IHC-F, FC	20D5	BE0321	BE0089
NKG2D	Mouse	<i>in vivo</i> NKG2D blockade	HMG2D	BE0111	BE0091
PD-1 (CD279)	Mouse	<i>in vivo</i> blocking of PD-1/PD-L signaling, <i>in vitro</i> PD-1 neutralization, WB	J43	BP0033-2	BP0091
PD-1 (CD279)	Mouse	<i>in vivo</i> blocking of PD-1/PD-L signaling	RMP1-14	BP0146	BP0089
PD-1 (CD279)	Human	<i>in vitro</i> PD-1 neutralization, <i>in vivo</i> PD-1 blockade in humanized mice	J116	BE0188	BE0083
PD-1 (CD279)	Human	<i>in vivo</i> PD-1 blockade in humanized mice, FC	J110	BE0193	BE0083
PD-1 (CD279)	Mouse	<i>in vivo</i> blocking of PD-1/PD-L signaling, <i>in vitro</i> PD-1 neutralization, IHC-F, IF, WB, FC	29F.1A12	BP0273	BP0089
PD-1 (p248Tyr)	Mouse/ Human	WB, FC	407.6G12	BE0387	BE0085
PD-L1	Mouse	<i>in vivo</i> and <i>in vitro</i> blocking of PD-L1/CD80 (B7-1) interactions, ELISA, FC	10F.2H11	BE0361	BE0090
PD-L1 (B7-H1)	Mouse	<i>in vivo</i> PD-L1 blockade, IF, IHC-F, FC, WB	10F.9G2	BP0101	BP0090
PD-L1 (B7-H1)	Human	<i>in vitro</i> PD-L1 blockade, Functional assays, IHC-F, FC	29E.2A3	BE0285	BE0086
PD-L2 (B7-DC)	Mouse	<i>in vivo</i> PD-L2 blockade, <i>in vitro</i> PD-L2 blockade, IHC-F, FC	TY25	BE0112	BE0089
RANKL (CD254)	Mouse	<i>in vivo</i> RANKL blockade	IK22/5	BE0191	BE0089
TIM-1 (CD365)	Mouse	<i>in vivo</i> TIM-1 blockade	RMT1-10	BE0113	BE0089
TIM-1 (CD365)	Mouse	<i>in vivo</i> TIM-1 blockade, <i>in vitro</i> TIM-1 blockade	3D10	BE0314	BE0088
TIM-3 (CD366)	Mouse	<i>in vivo</i> TIM-3 neutralization, <i>in vitro</i> TIM-3 blocking, FC	RMT3-23	BP0115	BP0089
TNF α	Mouse/Rat/rabbit	<i>in vivo</i> TNF α neutralization, FC	TN3-19.12	BE0244	BE0091
VEGFR-2	Mouse	<i>in vivo</i> blocking of VEGF/VEGFR-2 signaling, <i>in vitro</i> blocking of VEGFR signaling, WB	DC101	BP0060	BP0088
VISTA	Mouse	<i>in vivo</i> blocking of VISTA signaling, <i>in vitro</i> blocking of VISTA signaling	13F3	BP0310	BP0091
VLDL-R	Mouse/Rat/Bovine	WB	IgG-6A6	BE0345	BE0083



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