Cancer Immunotherapy Antibody Drug Development

Related Products from GenScript

GenScript
Make Research Easy

MonoRab™ Anti-Rituximab Antibody (194D7), mAb, Rabbit (Cat.No. A01943-40) : dilution starting from 1,000 ng/ml
Coating antigen: Rituximab, 1 μg/ml, EC = 1.618 ng/ml
The antibody does not recognize the human IgG Fc fragment (data not shown).

Product list

Drug Target	Antibody	Clonality	Clone ID	Host	Label	Cat. No
PD-1	Anti-Pembrolizumab	pAb		Rabbit		A01846-40
		mAb	1D6E10	Mouse		A01844-40
		mAb	90C12F8	Rabbit	Biotin	A01853-40
		mAb	10E12C6	Mouse	Biotin	A01845-40
PD-1	Anti-Nivolumab	pAb		Rabbit		A01901-40
		mAb	8G6G3D8	Mouse		A01847-40
		mAb	8G5H2E8	Mouse	Biotin	A01848-40
PD-L1	Anti-Atezolizumab	mAb	10G9	Mouse		A01948-40
		mAb	6B12	Mouse		A01949-40
		mAb	6B12	Mouse	Biotin	A01950-40
CTLA-4	Anti-Ipilimumab	mAb	29B6H7D9	Mouse		A01859-40
		mAb	4H6E1D4	Mouse	Biotin	A01858-40
CD20	Anti-Rituximab	pAb		Rabbit		A01918-40
		mAb	137C6	Rabbit		A01942-40
		mAb	194D7	Rabbit		A01943-40
	Anti-Obinutuzumab	pAb		Rabbit		A01933-40
		mAb	18H8	Mouse		A01945-40
		mAb	16B7	Mouse		A01946-40
		mAb	16B7	Mouse	Biotin	A01947-40

Related products:

Related products	Cat. No
MonoRab™ Rabbit Anti-Camelid VHH Antibody, mAb	A01860-200
MonoRab™ Rabbit Anti-Camelid VHH Antibody [HRP], mAb	A01861-200
MonoRab™ Rabbit Anti-Camelid VHH Antibody [iFluor488], mAb	A01862-200
MonoRab™ Rabbit Anti-Camelid VHH Antibody [iFluor555], mAb	A01863-200
MonoRab™ Anti-Bevacizumab Antibody (46E3), mAb, Rabbit	A01952-40

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Immunotherapy Recombinant Proteins

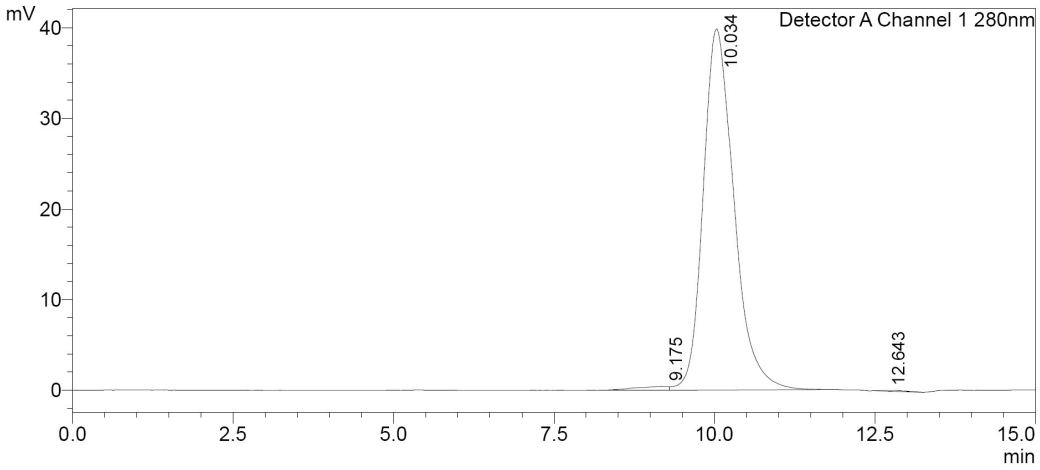
Application

- Immunogen for antibody production
- Antibody drug screening

Key features

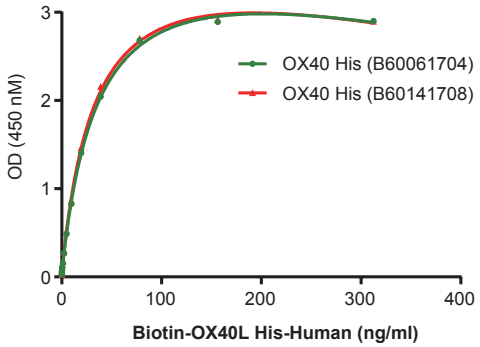
- Validated specific activity
- High purity (>95%) & lot-to-lot consistency
- Extremely low endotoxin level (<0.2 EU/ug)

High Purity



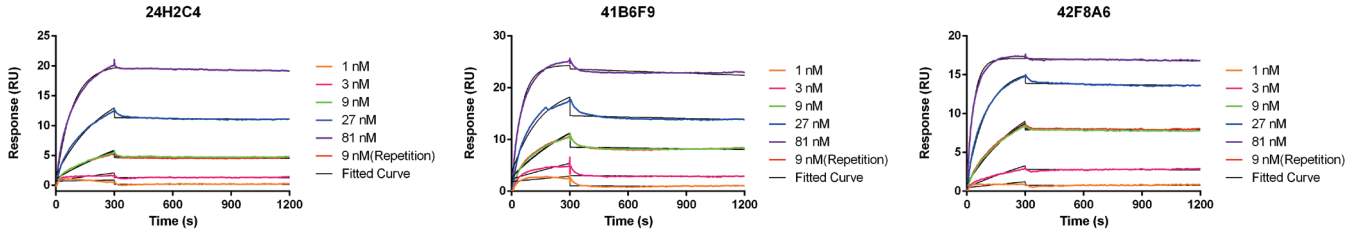
The purity of PD-1, His, Human (Cat.no Z03424) is greater than 98% as determined by SEC-HPLC.

Batch to Batch Stability



Immobilized OX40 His, human (Cat.no Z03438) at 2 μg/mL (100 μL/well) can bind Biotin-OX40L His, Human with a linear range of 1.22-19.53 ng/mL when detected by Streptavidin-HR

Biological activity



Coated CTLA-4 Fc Chimera, Human (Cat.no Z03373) for antibody drug screening on Biacore (24H2C4, 41B4F9, 42F8A6).

Product list

Ligand/ Receptor	Product Name	Cat. No
4-1BB	4-1BB (CD137) Fc Chimera, Human	Z03382
B7-1	B7-1(CD80) Fc Chimera, Human	Z03409
B7-2	B7-2/CD86 Fc Chimera, Human	Z03416
B7-H2	B7-H2/ICOSLG Fc Chimera, Human	Z03414
	B7-H2/ICOSLG, His, Human	Z03415
B7-H3	B7-H3 Fc Chimera, Human	Z03426
	B7-H3, His, Human	Z03427
CD19	CD19 Fc Chimera, Human	Z03407
CD25	CD25/IL-2Rα Fc Chimera, Human	Z03400
CD28	CD28 Fc Chimera, Human	Z03413
CD40L	CD40L/CD154/TRAP, Human	Z02022
	sCD40L, Human	Z02727
CD47	CD47 Fc Chimera, Human	Z03418
	CD47, His, Human	Z03419
CTLA4	CTLA-4 Fc Chimera, Human	Z03373
HVEM	HVEM-Fc, Human	Z03224
OX40	OX40/TNFRSF4, His, Human	Z03438
PD-1	PD-1 Fc Chimera, Human	Z03370
	PD-1, His, Human	Z03424
PD-L1	PD-L1 Fc Chimera, Human	Z03371
	PD-L1, His, Human	Z03425
PD-L2	PD-L2 Fc Chimera, Human	Z03417
PVR	PVR/CD155 Fc Chimera, Human	Z03435
	PVR/CD155, His, Human	Z03436
SIRP	SIRPα Fc Chimera, Human	Z03420
	SIRPα, His, Human	Z03421
TIGIT	TIGIT Fc Chimera, Human	Z03439
TIM3	TIM-3 Fc Chimera, Human	Z03392

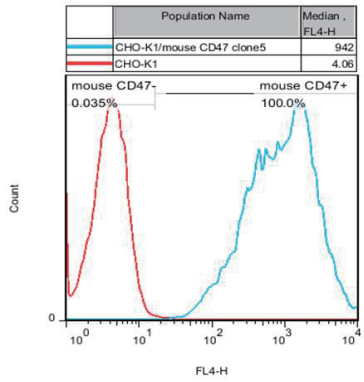
4 Immune Checkpoint Cell Lines

Category and Application

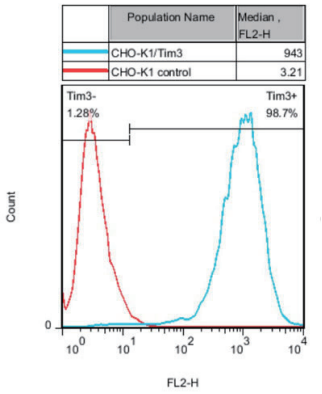
- Cell lines for binding assays - preliminary screening of therapeutic antibodies
- Reporter cell lines for functional assays - function evaluation of therapeutic antibodies

Key features

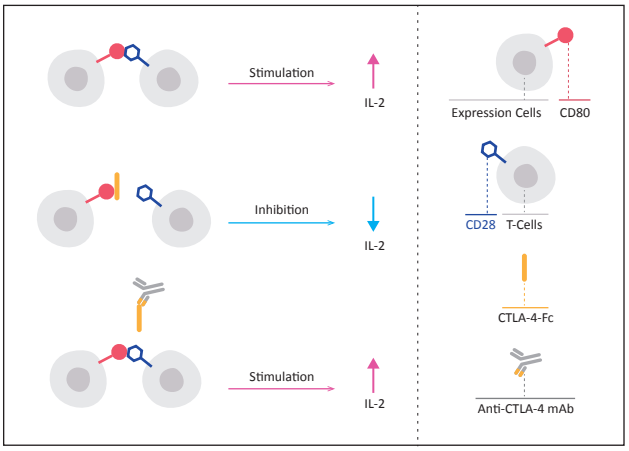
- Ready to use hot targets, saving 3-5 months for drug discovery
- High surface expression level validated by flow cytometry (FACS)
- Stability of target expression over 15 passages in culture
- Viability ≥ 90% upon thawing from liquid nitrogen

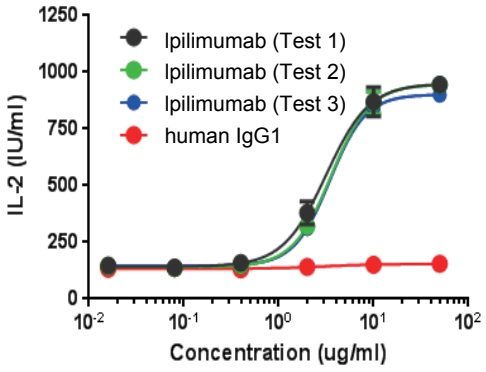


FACS analysis of mouse CD47 expression in CHO-K1 cells (Cat. No. M00631).



FACS analysis of Tim3 expression in CHO-K1 cells (Cat. No. M00531)





Cell-based anti-CTLA-4 activity assay. GS-J1/CD28 expressed T cells (Cat.No. M00611) were co-cultured with GS-C1/CD80 (Cat.No. M00614) together with CTLA4 fusion protein and Ipilimumab. The EC_{50} curves studies with Ipilimumab (Yervoy®) were shown. Human IgG1 was used as a negative control.

Product list

Cell lines for binding assays

Human, Cynomolgus, mouse receptors expressed by CHO-K1 host cell			
4-1BB	CD155	CTLA4	PD-1
B7-H2	CD200 R1	GITR	PD-L1
B7-H3	CD38	HVEM	PD-L2
B7-H4	CD47	ICOS	VISTA
BDCA2	CD64	KIR	TIGIT
BTLA	CD103	OX-40	Tim3

Reporter cell lines for functional assays

Receptor	Reporter Cell Line	Assay	Cat. No
CD27	GS-H2/CD27	IL-8	M00610
CD40	GS-H2/CD40		M00606
GITR	GS-H2/GITR		M00607
CD28	GS-J1/CD28	IL-2	M00611
CD80	GS-C1/CD80		M00614

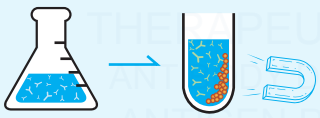
Related products

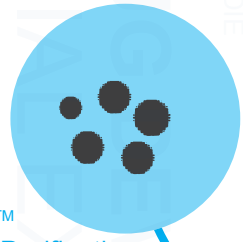
Fc Receptor Cell Lines

Receptor	Cell Line	Cat. No
CD16	CHO-K1/CD16B	M00602
CD32A	CHO-K1/CD32A 131His	M00598
	CHO-K1/CD32A 131Arg	M00599
CD32B	CHO-K1/CD32B 232Ile	M00587
	CHO-K1/CD32B 232Thr	M00600
CD32C	CHO-K1/CD32C 13Gln	M00601
CD64	CHO-K1/CD64	M00588
FcRn	CHO-K1/FcRn	M00603

AmMag™ Magnetic Beads Purification Platform

Save Your Time and Labor





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Protein Purification
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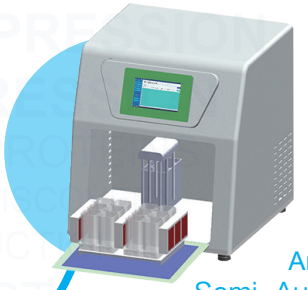

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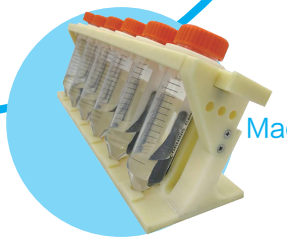

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Magnetic Rack

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