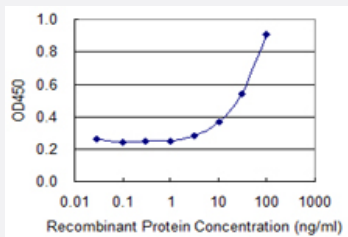


CD226 monoclonal antibody (M04), clone 4G8

Catalog # H00010666-M04

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD226 is 1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CD226.
Immunogen	CD226 (NP_006557, 21 a.a. ~ 127 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VLWHTSVPF AENMSLECVYPSMGILTQVEWFKIGTQQDSIAIFSPTHGMVIRKPYAERVYFLNSTMASNNMTLFFRNASEDDVGYSCSLYTYPQGTWQKVIQVVQS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (53); Rat (49)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD226 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CD226

Entrez GeneID	10666
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GeneBank Accession#	NM_006566
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Protein Accession#	NP_006557
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Gene Name	CD226
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Gene Alias	DNAM-1, DNAM1, PTA1, TLISA1
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Gene Description	CD226 molecule
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Omim ID	605397
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a glycoprotein expressed on the surface of NK cells, platelets, monocytes and a subset of T cells. It is a member of the Ig-superfamily containing 2 Ig-like domains of the V-set. The protein mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. [provided by RefSeq]
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Other Designations	CD226 antigen DNAX accessory molecule-1 T lineage-specific activation antigen 1 antigen adhesion glycoprotein platelet and T cell activation antigen 1
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Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Arthritis](#)

- [Autoimmune Diseases](#)
- [Churg-Strauss Syndrome](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Neoplasm Invasiveness](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Tobacco Use Disorder](#)
- [Wegener Granulomatosis](#)