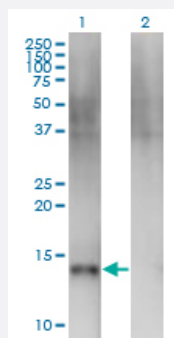


SEMA4B monoclonal antibody (M03), clone 4B2

Catalog # H00010509-M03

Size 100 ug

Applications

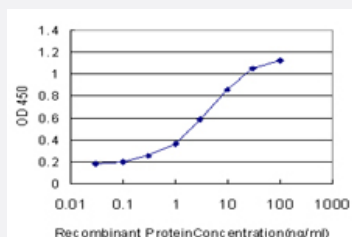


Western Blot (Transfected lysate)

Western Blot analysis of SEMA4B expression in transfected 293T cell line by SEMA4B monoclonal antibody (M03), clone 4B2.

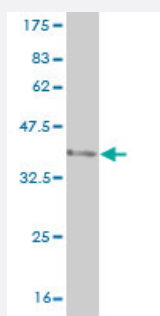
Lane 1: SEMA4B transfected lysate (Predicted MW: 10.89 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SEMA4B is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SEMA4B.

Immunogen	SEMA4B (NP_064595, 592 a.a. ~ 689 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GEKPCEQVQFQPNTVNTLACPLLSNLATRLWLRNGAPVNASASCHVLPTGDLLLVTGQQLGEFQ CWSLEEGFQQLVASYCPEVVEDGVADQTDEGGSV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (84)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SEMA4B expression in transfected 293T cell line by SEMA4B monoclonal antibody (M03), clone 4B2.

Lane 1: SEMA4B transfected lysate (Predicted MW: 10.89 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SEMA4B is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SEMA4B

Entrez GeneID	10509
GeneBank Accession#	NM_020210
Protein Accession#	NP_064595
Gene Name	SEMA4B
Gene Alias	KIAA1745, MGC131831, SEMAC, SemC
Gene Description	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B
Gene Ontology	Hyperlink
Gene Summary	sema domain
Other Designations	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4B semaphorin 4B

Pathway

- [Axon guidance](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)