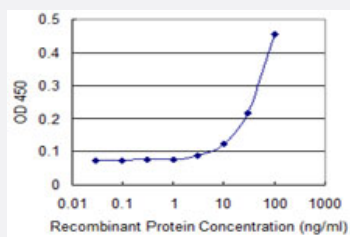


SEMA4A monoclonal antibody (M02), clone 4E2

Catalog # H00064218-M02

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SEMA4A is 3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SEMA4A.
Immunogen	SEMA4A (NP_071762, 33 a.a. ~ 132 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GGGQGPMPRVRYAGDERRALSFFHQKGLQDFDTLLSGDGNTLYVGAREAILALDIQDPGVPRL KNMIPWPASDRKKSECAFKKKSNETQCFNFIRVLV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (83)
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 SEMA4A is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SEMA4A

Entrez GeneID	64218
GeneBank Accession#	NM_022367
Protein Accession#	NP_071762
Gene Name	SEMA4A
Gene Alias	CORD10, FLJ12287, RP35, SEMAB, SEMB
Gene Description	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A
Omim ID	607292 610282 610283
Gene Ontology	Hyperlink
Gene Summary	SEMA4A is a member of the semaphorin family of soluble and transmembrane proteins. Semaphorins are involved in guidance of axonal migration during neuronal development and in immune responses.[supplied by OMIM]
Other Designations	OTTHUMP00000015916 OTTHUMP00000015917 OTTHUMP00000015918 sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4A semaphorin B

Pathway

- [Axon guidance](#)

Disease

- [Retinal Diseases](#)