

# SEMA3D rabbit monoclonal antibody

Catalog # H00223117-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human SEMA3D peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human SEMA3D is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human SEMA3D peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SEMA3D

Entrez GeneID	<a href="#">223117</a>
GeneBank Accession#	<a href="#">SEMA3D</a>
Gene Name	SEMA3D
Gene Alias	MGC39708, Sema-Z2, coll-2
Gene Description	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3D
Omim ID	<a href="#">609907</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	SEMA3D
Other Designations	collapsin 2 semaphorin 3D

## Pathway

- [Axon guidance](#)

## Disease

- [Dominance](#)
- [Schizophrenia](#)