

SEMA4D Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SEMA4D.

Catalog # AT3808a

Specification

SEMA4D Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	Q92854
Other Accession	BC054500
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	96150

SEMA4D Antibody (monoclonal) (M01) - Additional Information

Gene ID 10507

Other Names

Semaphorin-4D, A8, BB18, GR3, CD100, SEMA4D, C9orf164, CD100, SEMAJ

Target/Specificity

SEMA4D (AAH54500, 115 a.a. ~ 224 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

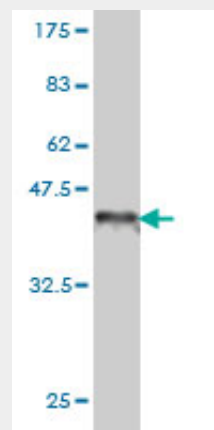
Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

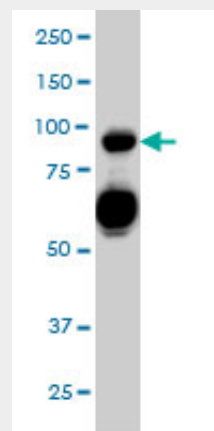
Precautions

SEMA4D Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

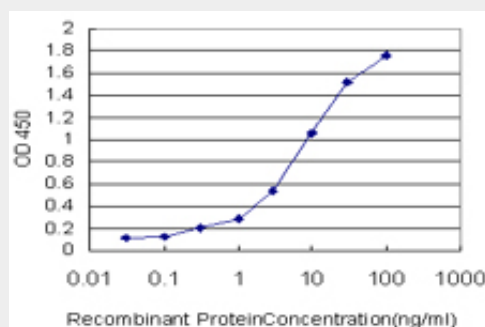
SEMA4D Antibody (monoclonal) (M01) - Protocols



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .



SEMA4D monoclonal antibody (M01), clone 3B4 Western Blot analysis of SEMA4D expression in HL-60 ((Cat # AT3808a)



Detection limit for recombinant GST tagged

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SEMA4D is approximately 0.3ng/ml as a capture antibody.

SEMA4D Antibody (monoclonal) (M01) - References

1. Phage Display Identification of CD100 in Human Atherosclerotic Plaque Macrophages and Foam Cells. Luque MC, Gutierrez PS, Debbas V, Martins WK, Puech-Leao P, Porto G, Coelho V, Boumsell L, Kalil J, Stolf BPLoS One. 2013 Sep 30;8(9):e75772. doi: 10.1371/journal.pone.0075772.