

**SEMA4D Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant SEMA4D.

Catalog # AT3808a

**Specification**

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**SEMA4D Antibody (monoclonal) (M01) - Product Information**

Application	WB, E
Primary Accession	<a href="#">O92854</a>
Other Accession	<a href="#">BC054500</a>
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.

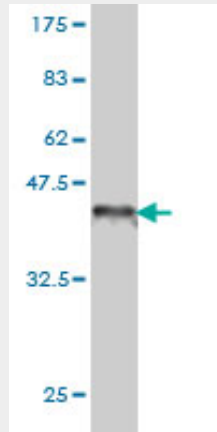
**SEMA4D Antibody (monoclonal) (M01) - Protocols**

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

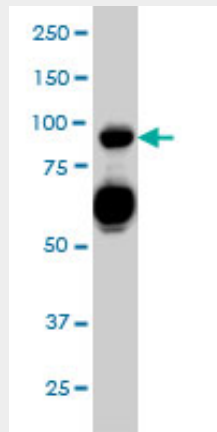
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

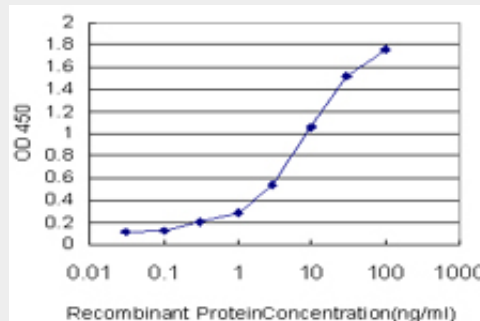
**SEMA4D Antibody (monoclonal) (M01) - Images**



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 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, Bousnell L, Kalil J, Stolf B. PLoS One. 2013 Sep 30;8(9):e75772. doi: 10.1371/journal.pone.0075772.