

# Product Datasheet

## Semaphorin 4B Antibody (4B2) - Azide and BSA Free H00010509-M03

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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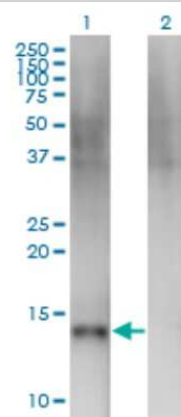


**H00010509-M03****Semaphorin 4B Antibody (4B2) - Azide and BSA Free**

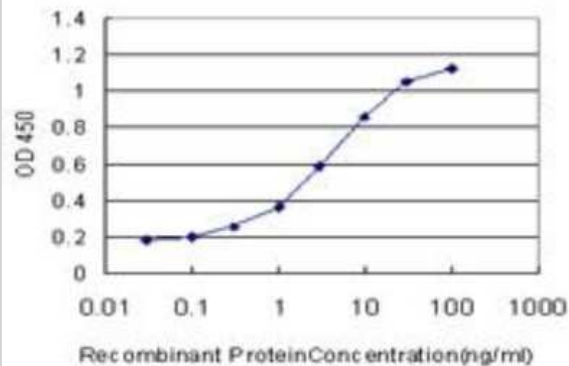
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4B2
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Semaphorin 4B Antibody (4B2) - Azide and BSA Free (H00010509-M03) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	10509
<b>Gene Symbol</b>	SEMA4B
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human. Other species not tested.
<b>Specificity/Sensitivity</b>	SEMA4B - sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B
<b>Immunogen</b>	SEMA4B (NP_064595, 592 a.a. ~ 689 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GEKPCEQVQFQPNTVNTLACPLLSNLATRLWLRNGAPVNASASCHVLPTGDLL LVGTQQLGFEFQCWSLEEGFQQLVASYCPEVVEDGVADQTDEGGSV
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA
<b>Application Notes</b>	Antibody reactive against recombinant protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

## Images

Western Blot: Semaphorin 4B Antibody (4B2) [H00010509-M03] - 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.



ELISA: Semaphorin 4B Antibody (4B2) [H00010509-M03] - Detection limit for recombinant GST tagged SEMA4B is approximately 0.1 ng/ml as a capture antibody.





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### **Products Related to H00010509-M03**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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