

# Product Datasheet

## RAPGEF2 Antibody (1E8) - Azide and BSA Free H00009693-M01

Unit Size: 0.1 mg

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

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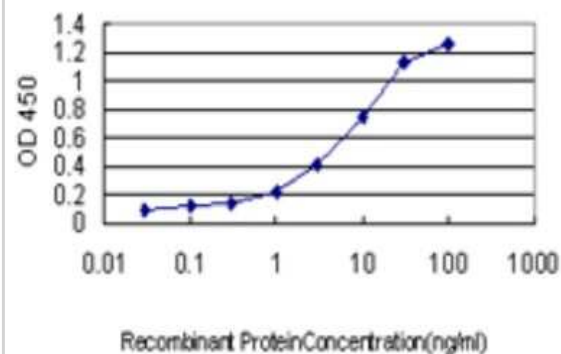


**H00009693-M01****RAPGEF2 Antibody (1E8) - Azide and BSA Free**

<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>	1E8
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 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 RAPGEF2 Antibody (1E8) - Azide and BSA Free (H00009693-M01) is a monoclonal antibody validated for use in WB, ELISA and IP. Anti-RAPGEF2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	9693
<b>Gene Symbol</b>	RAPGEF2
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Human. Other species not tested.
<b>Specificity/Sensitivity</b>	RAPGEF2 - Rap guanine nucleotide exchange factor (GEF) 2
<b>Immunogen</b>	RAPGEF2 (XP_376350, 1398 a.a. ~ 1487 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PITDFPEGHSHSPARKPPDYNVALQRSRMVARSSDTAGPSSVQQPHGHPTSSR PVNKPQWHKPNESDPRLAPYQSQGFSTEEDEDEQVSAV
<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, Immunoprecipitation, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunoprecipitation, Sandwich 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

Sandwich ELISA: RAPGEF2 Antibody (1E8) [H00009693-M01] - Detection limit for recombinant GST tagged RAPGEF2 is approximately 0.1ng/ml as a capture antibody.



## Publications

Pannekoek WJ, van Dijk JJ, Chan OY et al. Epac1 and PDZ-GEF cooperate in Rap1 mediated endothelial junction control. *Cell Signal*. 2011-08-04 [PMID: 21840392]

Gloerich M, Ten Klooster JP, Vliem MJ et al. Rap2A links intestinal cell polarity to brush border formation. *Nat Cell Biol*. 2012-07-15 [PMID: 22797597]

Letschka T, Kollmann V, Pfeifhofer-Obermair C et al. PKC $\theta$  selectively controls the adhesion-stimulating molecule Rap1. *Blood*;112(12):4617-27. 2008-12-01 [PMID: 18796635]



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### **Products Related to H00009693-M01**

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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]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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