

Product Datasheet

ARHGEF6 Antibody (2E5) - Azide and BSA Free H00009459-M02

Unit Size: 0.1 mg

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

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H00009459-M02

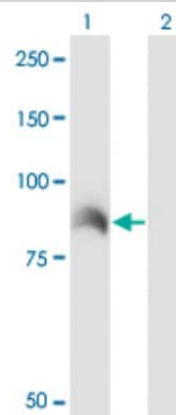
ARHGEF6 Antibody (2E5) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2E5
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse ARHGEF6 Antibody (2E5) - Azide and BSA Free (H00009459-M02) is a monoclonal antibody validated for use in WB, ELISA, ICC/IF and IP. Anti-ARHGEF6 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9459
Gene Symbol	ARHGEF6
Species	Human
Specificity/Sensitivity	ARHGEF6 - Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6 (2E5)
Immunogen	ARHGEF6 (AAH39856.1, 61 a.a. ~ 175 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QTEADCINNINDFLKGCATLQVEIFDPDDL YSGVNF SKVLSTLLAVNKATEDQLS ERPCGRSSSLSAANTSQTNPQGAVSSTV SGLQRQSKTVEMTENGSHQLIVKA RFNFKQTN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Proximity Ligation Assay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Proximity Ligation Assay, Sandwich ELISA
Application Notes	Antibody Reactive Against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

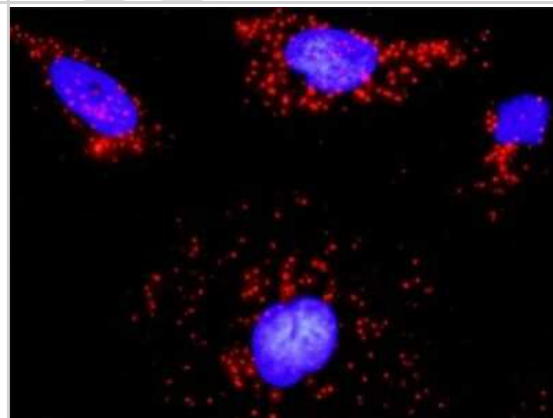


Images

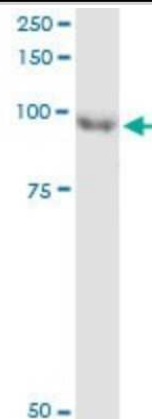
Western Blot: ARHGEF6 Antibody (2E5) [H00009459-M02] - Analysis of ARHGEF6 expression in transfected 293T cell line by ARHGEF6 monoclonal antibody (M02), clone 2E5. Lane 1: ARHGEF6 transfected lysate (Predicted MW: 87.5 KDa). Lane 2: Non-transfected lysate.



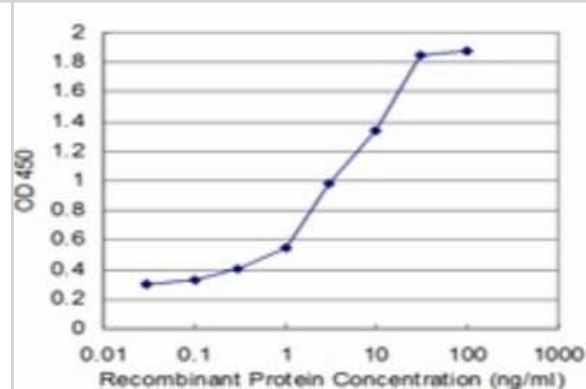
Proximity Ligation Assay: ARHGEF6 Antibody (2E5) [H00009459-M02] - Analysis of protein-protein interactions between CDC42 and ARHGEF6. HeLa cells were stained with anti-CDC42 rabbit purified polyclonal 1:1200 and anti-ARHGEF6 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Immunoprecipitation: ARHGEF6 Antibody (2E5) [H00009459-M02] - Analysis of ARHGEF6 transfected lysate using anti-ARHGEF6 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ARHGEF6 monoclonal antibody.



Sandwich ELISA: ARHGEF6 Antibody (2E5) [H00009459-M02] - Detection limit for recombinant GST tagged ARHGEF6 is approximately 0.03ng/ml as a capture antibody.



Publications

Mazaki Y, Onodera Y, Higashi T et al. ARF1 recruits RAC1 to leading edge in neutrophil chemotaxis. Cell Commun Signal 2017-10-02 [PMID: 28969640]



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Products Related to H00009459-M02

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)

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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