

Product Datasheet

PLEKHG5 Antibody (5A9) - Azide and BSA Free H00057449-M01

Unit Size: 0.1 mg

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

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Publications: 5

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H00057449-M01

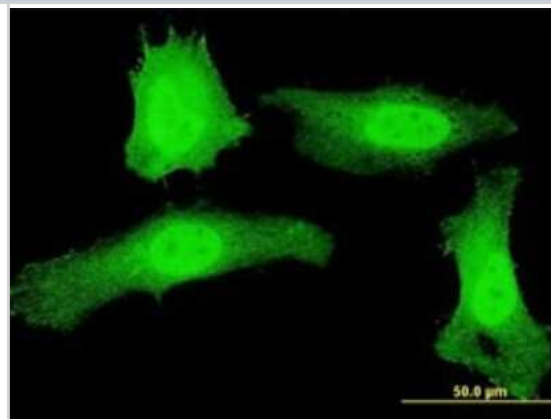
PLEKHG5 Antibody (5A9) - Azide and BSA Free

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	5A9
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse PLEKHG5 Antibody (5A9) - Azide and BSA Free (H00057449-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-PLEKHG5 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	57449
Gene Symbol	PLEKHG5
Species	Human
Specificity/Sensitivity	PLEKHG5 (5A9)
Immunogen	PLEKHG5 (NP_065682, 896 a.a. ~ 995 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. SAPSRSLSELCLAVPAPGIRTQGSPQEAGPSWDCRGAPSPGSGPGLVGCLAG EPAGSHRKRCGDLPSGASPRVQPEPPPGVSAQHRKLTLAQLYRITTL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactive against recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.



Images

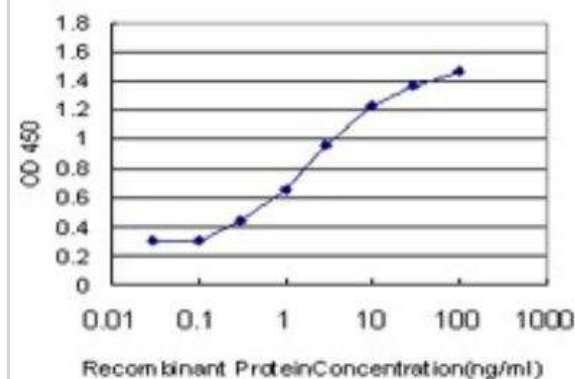
Immunocytochemistry/Immunofluorescence: PLEKHG5 Antibody (5A9) [H00057449-M01] - Analysis of monoclonal antibody to PLEKHG5 on HeLa cell . Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: PLEKHG5 Antibody (5A9) [H00057449-M01] - Analysis of monoclonal antibody to PLEKHG5 on formalin-fixed paraffin-embedded human stomach. Antibody concentration 1.5 ug/ml.



ELISA: PLEKHG5 Antibody (5A9) [H00057449-M01] - Detection limit for recombinant GST tagged PLEKHG5 is approximately 0.3ng/ml as a capture antibody.



Publications

Kaya W, Carsten S, Melanie L et al. PLEKHG5 regulates autophagy, survival and MGMT expression in U251-MG glioblastoma cells. *Sci Rep.* 2020-12-14 [PMID: 33318498]

Hetmanski JHR, de Belly H, Busnelli I et al. Membrane Tension Orchestrates Rear Retraction in Matrix-Directed Cell Migration *Dev. Cell* 2019-10-09 [PMID: 31607653]

Ngok SP, Geyer R, Liu M et al. VEGF and Angiopoietin-1 exert opposing effects on cell junctions by regulating the Rho GEF Syx. *J Cell Biol.* 2012-12-17 [PMID: 23253477]

Ngok SP, Geyer R, Kourtidis A et al. Phosphorylation-mediated 14-3-3 Protein Binding Regulates the Function of the Rho-specific Guanine Nucleotide Exchange Factor (RhoGEF) Syx. *J Biol Chem.* 2013-01-18 [PMID: 23335514]

Dachsel JC, Ngok SP, Lewis-Tuffin LJ et al. The RhoGEF Syx regulates the balance of Dia and ROCK activities to promote polarized cancer cell migration. *Mol Cell Biol.* 2013-10-14 [PMID: 24126053] (WB, Human)



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Products Related to H00057449-M01

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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