

Product Datasheet

ROCK1 Antibody (2E2) - Azide and BSA Free H00006093-M01

Unit Size: 0.1 mg

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

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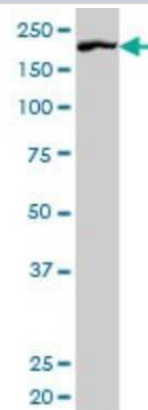
H00006093-M01

ROCK1 Antibody (2E2) - Azide and BSA Free

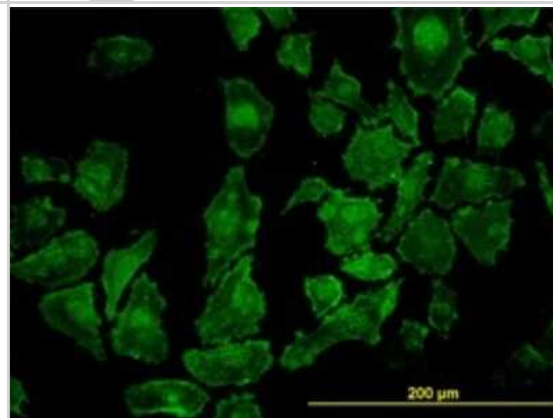
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2E2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6093
Gene Symbol	ROCK1
Species	Human
Specificity/Sensitivity	ROCK1 - Rho-associated, coiled-coil containing protein kinase 1
Immunogen	ROCK1 (NP_005397, 401 a.a. ~ 510 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. SNRRYLSSANPNDNRTSSNADKSLQESLQKTIYKLEEQQLHNEMQLKDEMEQK CRTSNIKLDKIMKELDEEGNQRRLNLESTVSQIEKEKMLLQHRINEYQRKAEQEN EKRR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:500
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

Images

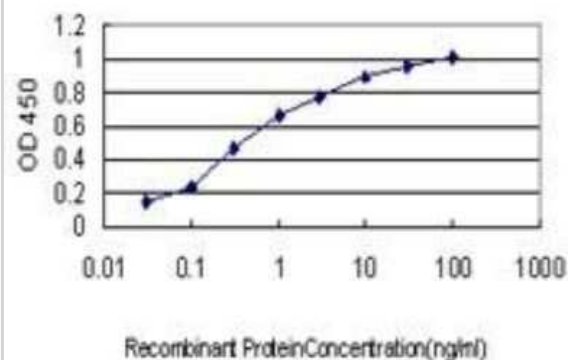
Western Blot: ROCK1 Antibody (2E2) [H00006093-M01] - ROCK1 monoclonal antibody (M01), clone 2E2 Analysis of ROCK1 expression in HeLa S3 NE.



Immunocytochemistry/Immunofluorescence: ROCK1 Antibody (2E2) [H00006093-M01] - Analysis of monoclonal antibody to ROCK1 on HeLa cell. Antibody concentration 10 ug/ml.



ELISA: ROCK1 Antibody (2E2) [H00006093-M01] - ROCK1 Antibody (2E2) [H00006093-M01] - Detection limit for recombinant GST tagged ROCK1 is approximately 0.03ng/ml as a capture antibody.



Publications

Nishimura Y, Bereczky B, Yoshioka K et al. A novel role of Rho-kinase in the regulation of ligand-induced phosphorylated EGFR endocytosis via the early/late endocytic pathway in human fibrosarcoma cells. *J Mol Histol.* 2011-08-17 [PMID: 21847509]

Gong LL, Fang LH, Peng JH et al. Integration of virtual screening with high-throughput screening for the identification of novel Rho-kinase I inhibitors. *J Biotechnol.* 2009-12-04 [PMID: 19963024]



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Products Related to H00006093-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-82450PEP	ROCK1 Recombinant Protein Antigen

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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