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anti-RHOA antibody (AA 1-193)



Images



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Overview

Quantity:	100 μg
Target:	RHOA
Binding Specificity:	AA 1-193
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RHOA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Proximity Ligation Assay (PLA)

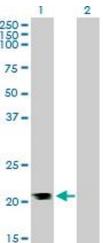
Product Details

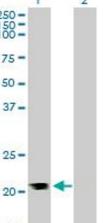
Purpose:	Mouse monoclonal antibody raised against a full length recombinant RHOA.
Immunogen:	RHOA (AAH01360, 1 a.a. \sim 193 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MAAIRKKLVI VGDGACGKTC LLIVFSKDQF PEVYVPTVFE NYVADIEVDG KQVELALWDT AGQEDYDRLR PLSYPDTDVI LMCFSIDSPD SLENIPEKWT PEVKHFCPNV PIILVGNKKD LRNDEHTRRE LAKMKQEPVK PEEGRDMANR IGAFGYMECS AKTKDGVREV FEMATRAALQ ARRGKKKSGC LVL
Clone:	1C1
Isotype:	lgG1
Cross-Reactivity:	Human

Product Details Characteristics: Antibody Reactive Against Recombinant Protein. **Target Details** RHOA Target: Alternative Name: **RHOA (RHOA Products)** Background: Full Gene Name: ras homolog gene family, member A Synonyms: ARH12,ARHA,RH012,RH0H12 Gene ID: 387 Pathways: Microtubule Dynamics, WNT Signaling, Neurotrophin Signaling Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Regulation of Actin Filament Polymerization, Cell-Cell Junction Organization, Positive Regulation of Endopeptidase Activity, Signaling Events mediated by VEGFR1 and VEGFR2, Thromboxane A2 Receptor Signaling, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



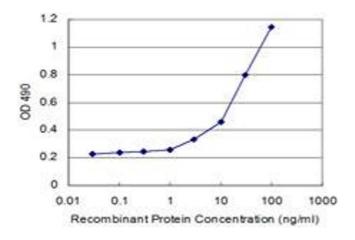


Western Blotting

Image 1. Western Blot analysis of RHOA expression in transfected 293T cell line by RHOA monoclonal antibody (M05), clone 1C1.

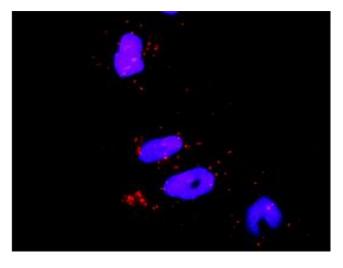
Lane 1: RHOA transfected lysate(21.8 KDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged RHOA is 3 ng/ml as a capture antibody.



Proximity Ligation Assay

Image 3. Proximity Ligation Analysis of protein-protein interactions between MAPK8 and RHOA. HeLa cells were stained with anti-MAPK8 rabbit purified polyclonal 1:1200 and anti-RHOA mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Please check the product details page for more images. Overall 6 images are available for ABIN559932.