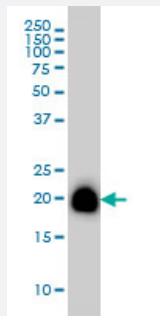


RHOA monoclonal antibody (M08), clone 1C3

Catalog # H00000387-M08

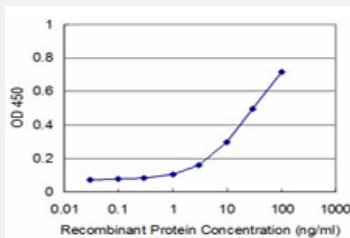
Size 100 ug

Applications



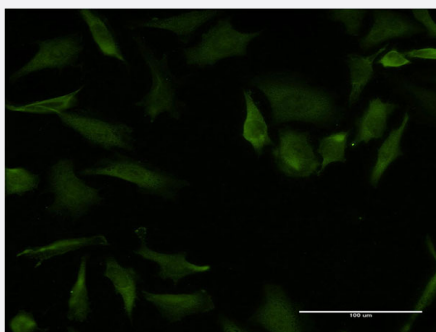
Western Blot (Cell lysate)

RHOA monoclonal antibody (M08), clone 1C3 Western Blot analysis of RHOA expression in A-431 (Cat # L015V1).



Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

Immunofluorescence of monoclonal antibody to RHOA on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (46.97 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant RHOA.
Immunogen	RHOA (AAH01360, 1 a.a. ~ 193 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAIRKKLVIVGDGACGKTCLLMFSDKQFPEVYVPTVFENYVADIEVDGKQVELALWDTAGQEDY DRLRPLSYPD TDVILMCF SIDSPDSLENIPEKWTPEVKHFCPNVP IILVGNKKDLRND EHTRRELAK MKQEPVKPEEGRDMANRIGAFGYMECSAKTKDGVREVFEMATRAALQARRGKKKSGCLVL
Host	Mouse
Reactivity	Human
Isotype	IgG1 Lambda
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (46.97 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

RHOA monoclonal antibody (M08), clone 1C3 Western Blot analysis of RHOA expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to RHOA on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — RHOA

Entrez GeneID [387](#)

GeneBank Accession# [BC001360](#)

Protein Accession# [AAH01360](#)

Gene Name RHOA

Gene Alias ARH12, ARHA, RHO12, RHOH12

Gene Description ras homolog gene family, member A

Omim ID [165390](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations Aplysia ras-related homolog 12|oncogene RHO H12|small GTP binding protein RhoA

Publication Reference

- [Effects of heterozygous deletion of autism-related gene Cullin-3 in mice.](#)

Qiang-Qiang Xia, Angela K Walker, Chenghui Song, Jing Wang, Anju Singh, James A Mobley, Zhong X Xuan, Jeffrey D Singer, Craig M Powell.

PLoS One 2023 Jul; 18(7):e0283299.

Application: WB, Mouse, Mouse cortex, Mouse hippocampus

Pathway

- [Adherens junction](#)
- [Axon guidance](#)
- [Chemokine signaling pathway](#)
- [Colorectal cancer](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Neurotrophin signaling pathway](#)
- [Pathogenic Escherichia coli infection - EHEC](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [T cell receptor signaling pathway](#)
- [TGF-beta signaling pathway](#)
- [Tight junction](#)
- [Vascular smooth muscle contraction](#)
- [Wnt signaling pathway](#)

Disease

- [Angina Pectoris](#)
- [Cardiovascular Diseases](#)
- [Coronary Vasospasm](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Hematologic Diseases](#)
- [HIV Infections](#)
- [Occupational Diseases](#)