

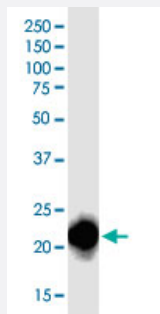
CX Grade

RHOA monoclonal antibody (M04J), clone 1B12

Catalog # H00000387-M04J

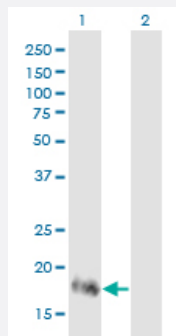
Size 100 ug

Applications



Western Blot (Cell lysate)

RHOA monoclonal antibody (M04J), clone 1B12. Western Blot analysis of RHOA expression in U-2 OS.

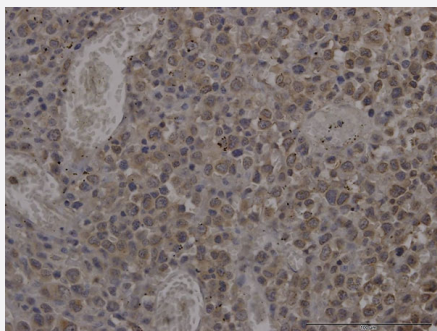


Western Blot (Transfected lysate)

Western Blot analysis of RHOA expression in transfected 293T cell line by RHOA monoclonal antibody (M04J), clone 1B12.

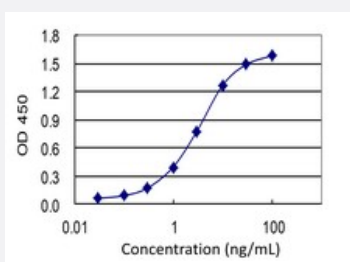
Lane 1: RHOA transfected lysate (Predicted MW: 21.8 KDa).

Lane 2: Non-transfected lysate.



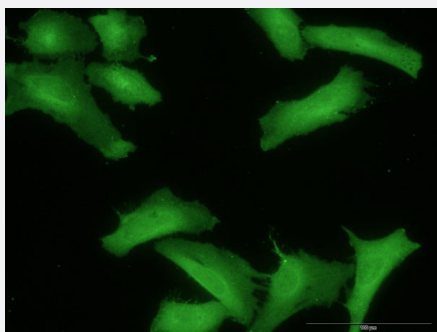
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to RHOA on formalin-fixed paraffin-embedded human lymphoma. [antibody concentration 5 ug/ml]



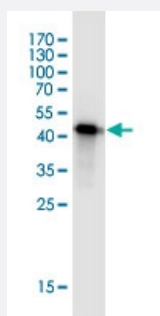
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RHOA is 0.03 ng/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. This product is belong to Cell Culture Grade Antibody (CX Grade).
Immunogen	RHOA (AAH01360.1, 1 a.a. ~ 193 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAIRKKLVIVGDGACGKTCLLIVFSKDQFPEVYVPTVFENYVADIEVDGKQVELALWDTAGQEDY DRLRPLSYPD TDVILMCFSIDSPDSLENIPEKWTPEVKHFCPNVPILVGNKKDLRNDEHTRRELAK MKQEPVKPEEGRDMANRIGAFGYMECSAKTKDGVREVFEMATRAALQARRGKKKSGCLVL
Host	Mouse
Reactivity	Human
Preparation Method	Cell Culture Production
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.

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- Western Blot (Cell lysate)

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[Protocol Download](#)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

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[Protocol Download](#)

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[Protocol Download](#)

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- ELISA

- Immunofluorescence

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

Gene Info — RHOA

Entrez GeneID	387
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GeneBank Accession#	BC001360.2
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Protein Accession#	AAH01360.1
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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

Pathway

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- [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](#)

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