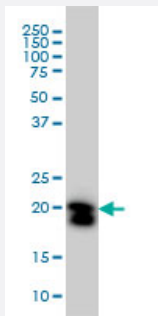


RHOA monoclonal antibody (M05), clone 1C1

Catalog # H00000387-M05

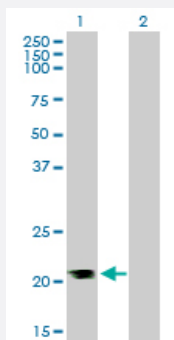
Size 100 ug

Applications



Western Blot (Cell lysate)

RHOA monoclonal antibody (M05), clone 1C1 Western Blot analysis of RHOA expression in HeLa (Cat # L013V1).

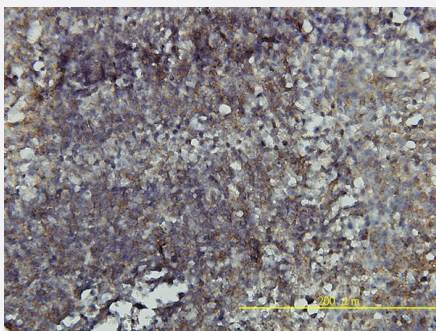


Western Blot (Transfected lysate)

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

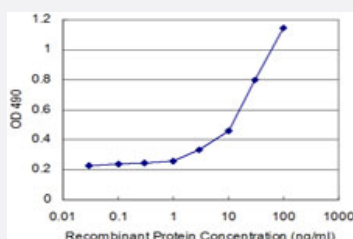
Lane 1: RHOA transfected lysate(21.8 KDa).

Lane 2: Non-transfected lysate.



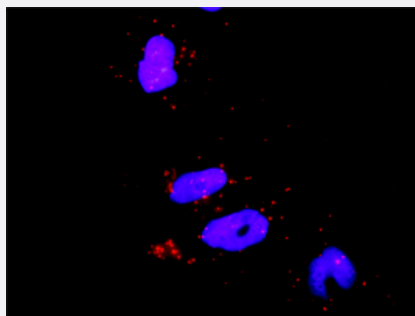
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



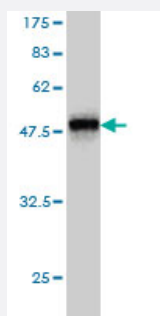
Sandwich ELISA (Recombinant protein)

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



In situ Proximity Ligation Assay (Cell)

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).



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	MAAIRKKLVVGDGACGKTCLLIMFSKDQFPEVYVPTVFENYADIEVDGKQVELALWDTAGQEDY DRLRPLSYDPTDVLIMCFSIDSPDSLENIPEKWTPEVKHFCPNVPILVGNKKDLRNDHTRRELAK 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 (M05), clone 1C1 Western Blot analysis of RHOA expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

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

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- In situ* Proximity Ligation Assay (Cell)

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).

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

Pathway

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

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