

Summary

Production Name	RHOA Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	RHOA
Alternative Names	ARHA; ARH12; RHO12; EDFAOB; RHOH12
Gene ID	387.0
SwissProt ID	P61586.Purified recombinant fragment of human RHOA (AA: 1-190) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	22kDa

Background

Product Name: RHOA Mouse Monoclonal Antibody
Catalog #: AMM82785

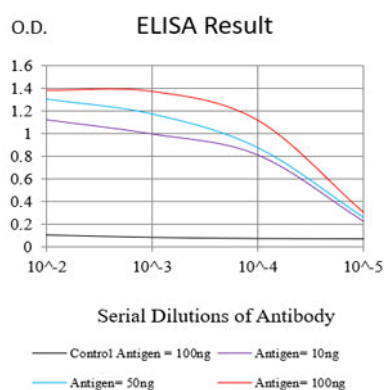


This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]

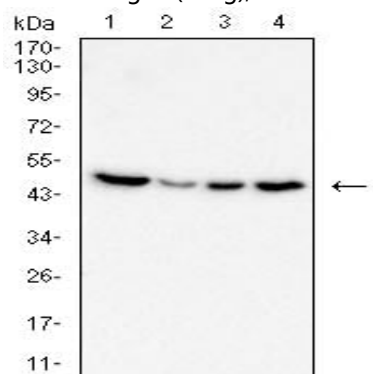
Research Area

TGF-beta signaling pathway, Hippo signaling pathway

Image Data

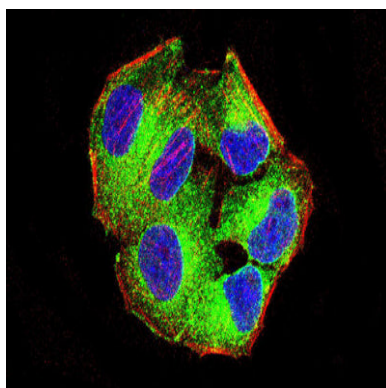


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

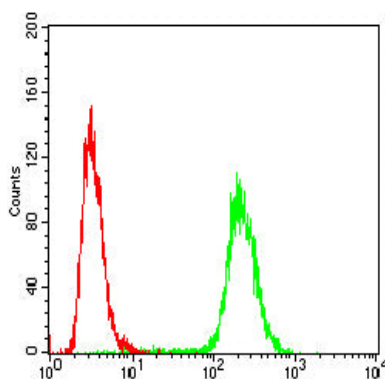


Western blot analysis using RHOA mouse mAb against Jurkat (1), MCF-7 (2), A431 (3), and HeLa (4) cell lysate.

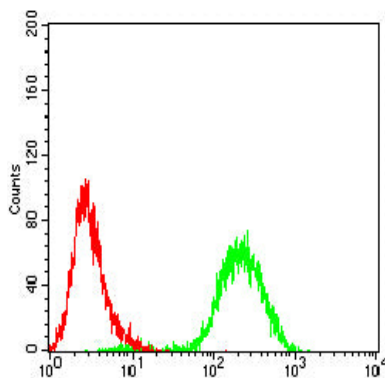
Product Name: RHOA Mouse Monoclonal Antibody
Catalog #: AMM82785



Immunofluorescence analysis of HeLa cells using RHOA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

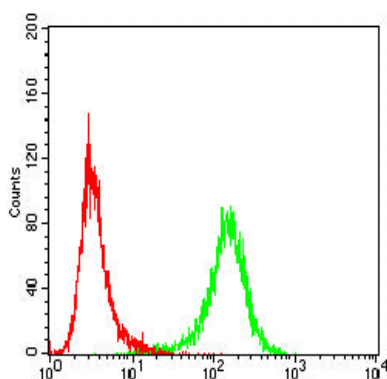


Flow cytometric analysis of HeLa cells using RHOA mouse mAb (green) and negative control (red).

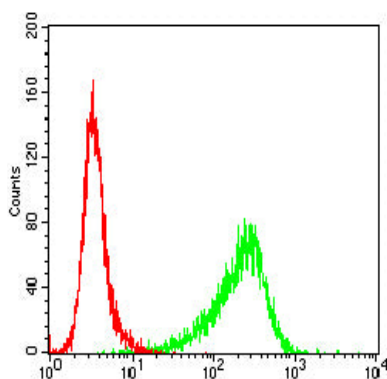


Flow cytometric analysis of HepG2 cells using RHOA mouse mAb (green) and negative control (red).

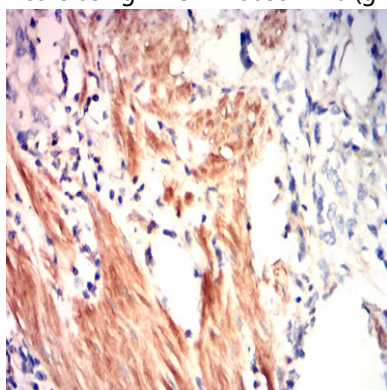
Product Name: RHOA Mouse Monoclonal Antibody
Catalog #: AMM82785



Flow cytometric analysis of Jurkat cells using RHOA mouse mAb (green) and negative control (red).

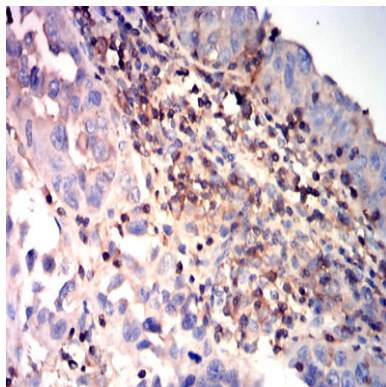


Flow cytometric analysis of K562 cells using RHOA mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human gastric cancer tissues using RHOA mouse mAb with DAB staining.

Product Name: RHOA Mouse Monoclonal Antibody
Catalog #: AMM82785



Immunohistochemical analysis of paraffin-embedded human endometrial carcinoma tissues using RHOA mouse mAb with DAB staining.

Note

For research use only.