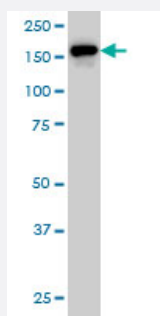


ROCK2 monoclonal antibody (M01), clone 2A4

Catalog # H00009475-M01

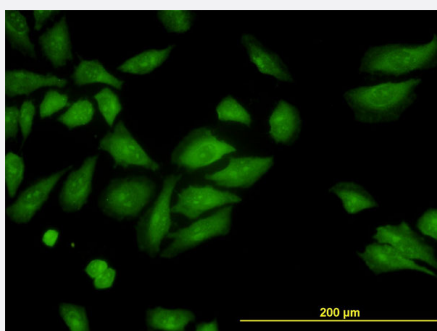
Size 100 ug

Applications



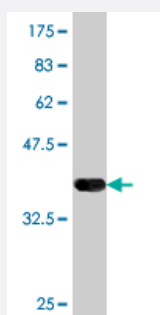
Western Blot (Cell lysate)

ROCK2 monoclonal antibody (M01), clone 2A4 Western Blot analysis of ROCK2 expression in HeLa (Cat # L013V1).



Immunofluorescence

Immunofluorescence of monoclonal antibody to ROCK2 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ROCK2.

Immunogen	ROCK2 (NP_004841, 1279 a.a. ~ 1388 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KPLWHMFKPPPALECRCHIKCHKDHMDKKEEIIAPCKVYYDISTAKNLLLLANSTEEQQKWVSRL VKKIPKKPPAPDPFARSSPRTSMKIQNQSIIRPSRQLAPNKPS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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)

ROCK2 monoclonal antibody (M01), clone 2A4 Western Blot analysis of ROCK2 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ROCK2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ROCK2

Entrez GeneID [9475](#)

GeneBank Accession# [NM_004850](#)

Protein Accession#	NP_004841
Gene Name	ROCK2
Gene Alias	KIAA0619
Gene Description	Rho-associated, coiled-coil containing protein kinase 2
Omim ID	604002
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a serine/threonine kinase that regulates cytokinesis, smooth muscle contraction, the formation of actin stress fibers and focal adhesions, and the activation of the c-fos serum response element. This protein, which is an isozyme of ROCK1 is a target for the small GTPase Rho. [provided by RefSeq]
Other Designations	OTTHUMP00000195104

Pathway

- [Axon guidance](#)
- [Chemokine signaling pathway](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Pathogenic Escherichia coli infection - EHEC](#)
- [Regulation of actin cytoskeleton](#)
- [TGF-beta signaling pathway](#)
- [Vascular smooth muscle contraction](#)
- [Wnt signaling pathway](#)

Disease

- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Neoplasm Metastasis](#)
- [Pre-Eclampsia](#)