

ROCK2 Rabbit mAb

Catalog No: #59513

Package Size: #59513-1 50ul #59513-2 100ul

Description

Product Name	ROCK2 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	ROCK2 Antibody detects endogenous levels of total ROCK2
Immunogen Description	A synthesized peptide derived from human ROCK2
Other Names	p164 ROCK 2; Rho kinase 2; ROCK 2; Rock II; Rock2m; ROK alpha; ROKalpha;
Accession No.	Uniprot:O75116
Calculated MW	Predicted band size: 161 kDa
SDS-PAGE MW	Observed band size: 161 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

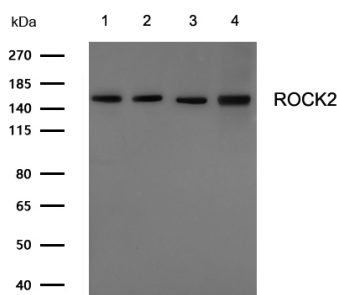
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: ROCK2 Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : JK whole cell lysates

Lane 3 : Mouse brain lysates Lane 4 : Rat brain lysates

Lysates/proteins at 20 µg per lane.

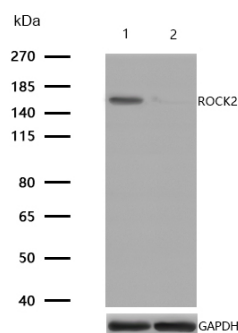
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 161 kDa

Observed band size: 161 kDa

Exposure time: 5 seconds

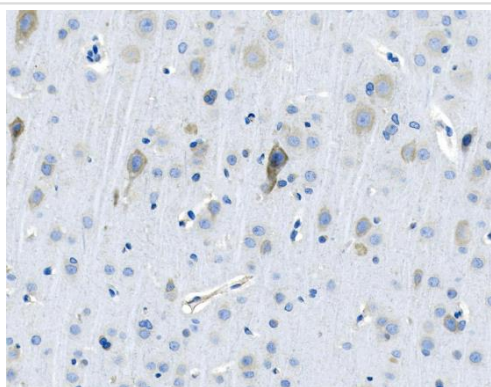


All lanes: ROCK2 Rabbit mAb at 1/1k dilution

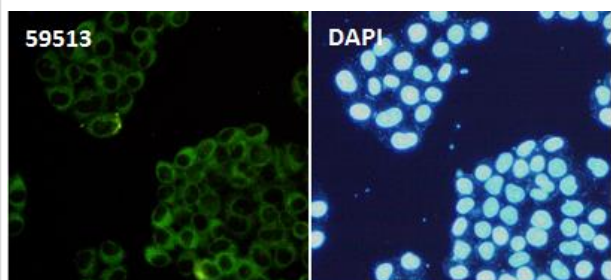
Lane 1 : Wild-type HeLa cell lysate

Lane 2 : ROCK2 Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded rat brain tissue stained for ROCK2 using 59513 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence ROCK2 antibody (59513) ICC/IF staining of ROCK2 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59513 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

Background

Regulates the assembly of the actin cytoskeleton. Promotes formation of stress fibers and of focal adhesion complexes. Plays a role in smooth muscle contraction.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.