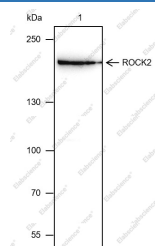


Recombinant ROCK2 Monoclonal Antibody

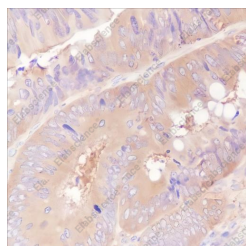
catalog number: **AN301649L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

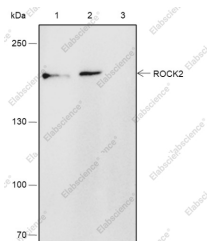
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human ROCK2 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111272
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:50-1:100
IF	1:50
IP	1:25
Data	



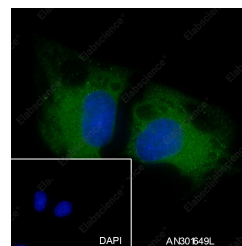
Western Blot with ROCK2 Monoclonal Antibody at dilution of 1:5000. Lane 1: HeLa
Observed-MW:190-200 kDa
Calculated-MW:160 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using ROCK2 Monoclonal Antibody at dilution of 1:100.



Western Blot with ROCK2 Monoclonal Antibody at dilution of 1:5000. Lane 1: A549, Lane 2: Mouse brain, Lane 3: Rat brain, Lane 4: SH-SY5Y
Observed-MW:190-200 kDa
Calculated-MW:160 kDa



Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-ROCK2 Monoclonal Antibody at dilution of 1:50.

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Immunoprecipitation analysis using anti-ROCK2
Monoclonal Antibody. Western blot was performed from
the immunoprecipitate using ROCK2 Monoclonal
Antibody at a dilution of 1:25. Lane 1: 5% Input, Lane 2:
ROCK2 Monoclonal Antibody, Lane 3: Rabbit monoclonal
IgG Isotype

Observed-MW:190-200 kDa

Calculated-MW:160 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Rho associated coiled-coil containing protein kinase 2 is a protein that in humans is encoded by the ROCK2 gene. Fasudil is an inhibitor of ROCK protein. 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.

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