

## ROCK-1 Rabbit monoclonal antibody

Catalog: BS9946M

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Rho proteins function as molecular switches that are able to turn cytokinesis on and off. Although little is known about signaling downstream of Rho, a host of putative Rho effector proteins have been described, including rhotilin, Rhotekin, citron and the serine/threonine kinase, protein kinase N. Two additional Rho-activated serine/threonine kinases have been described, designated Rock-1 and Rock-2 (also referred to as Roka) for Rho-associated coil-containing protein kinase. Rock-1 and Rock-2 share a structural similarity with myotonic dystrophy kinase.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 158 kDa

### Swiss-Prot:

Q13464

### Purification&Purity:

Protein A affinity purified

### Applications:

WB: 1:1000-1:5000

IHC/ICC/IF: 1:50-1:200

FC: 1:50-1:100

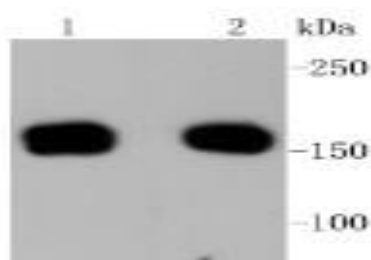
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

This antibody detects endogenous levels of ROCK-1 and does not cross-react with related proteins.

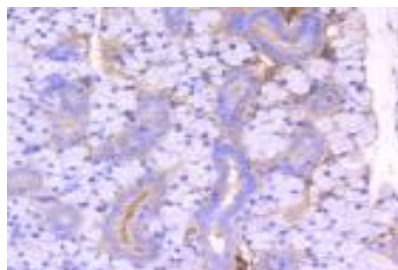
### DATA:



Western blot (WB) analysis of ROCK-1 Rabbit mAb at 1:1000 dilution

Lane1:A431 whole cell lysate

Lane2:NIH/3T3 whole cell lysate



Immunohistochemical analysis of paraffin-embedded mouse thyroid tissue using anti-ROCK1 antibody. Counter stained with hematoxylin.

### Note:

For research use only, not for use in diagnostic procedure.

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