

[Primary Antibody]

ROCK1 Recombinant Rabbit mAb



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ANTIBODIES

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— DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 19F9

GeneID: 6093

SWISS: 013464

Target: ROCK1

Immunogen: A synthesized peptide derived from human ROCK1: 1100-1200.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Protein kinase which is a key regulator of actin cytoskeleton and cell polarity. Involved in regulation of smooth muscle contraction, actin cytoskeleton organization, stress fiber and focal adhesion formation, neurite retraction, cell adhesion and motility via phosphorylation of DAPK3, GFAP, LIMK1, LIMK2, MYL9/MLC2, PFN1 and PPP1R12A.

Applications: WB (1:500-2000)

IHC-P (1:50-200)

IHC-F (1:50-200)

IF (1:50-200)

Flow-Cyt (1:50-100)

ICC/IF (1:50-200)

IP (1:20-50)

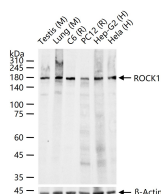
Reactivity: Human, Mouse, Rat

Predicted
MW.: 158 kDa

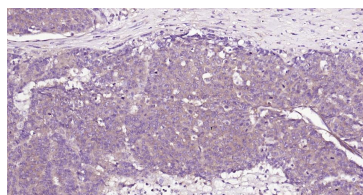
Observed
MW.: 180 kDa

Subcellular Location: Cell membrane ,Cytoplasm

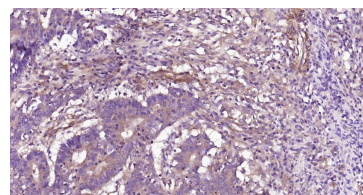
— VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with ROCK1 monoclonal antibody, unconjugated (bsm-62969R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Esophagus Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ROCK1 Monoclonal Antibody, Unconjugated(bsm-62969R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ROCK1 Monoclonal Antibody, Unconjugated(bsm-62969R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.