

For Research Use Only

CoraLite®594-conjugated ROCK2 Monoclonal antibody



Catalog Number:CL594-66633

Featured Product

Basic Information

Catalog Number:

CL594-66633

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG16330

GenBank Accession Number:

BC111801

GeneID (NCBI):

9475

UNIPROT ID:

O75116

Full Name:

Rho-associated, coiled-coil containing protein kinase 2

Calculated MW:

77 kDa, 161 kDa

Observed MW:

161 kDa

Purification Method:

Protein A purification

CloneNo.:

1C7B8

Recommended Dilutions:

WB 1:500-1:1000

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

WB

Species Specificity:

Human, Rat, Mouse

Positive Controls:

WB : HeLa cells,

Background Information

ROCK2 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. It is an isozyme of ROCK1, is a target for the small GTPase Rho. ROCK2 is localized in both cytoplasm and nucleus, and the nucleus-localized ROCK2 can target p300 for phosphorylation to regulate its acetyltransferase activity (PMID:16574662). This antibody is specific to ROCK2.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

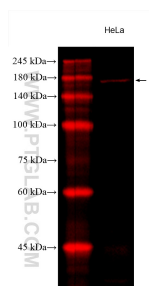
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with CL594-66633 (ROCK2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.