

For Research Use Only

ROCK2 Monoclonal antibody, PBS Only



Catalog Number: 66633-1-PBS

Featured Product

Basic Information

Catalog Number:

66633-1-PBS

Size:

1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA, IHC

Species Specificity:

Human, Rat, Mouse

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

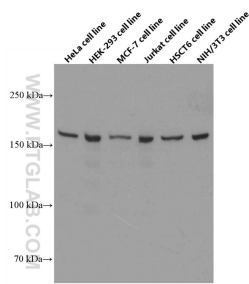
T: 4006900926

E: Proteintech-CN@ptglab.com

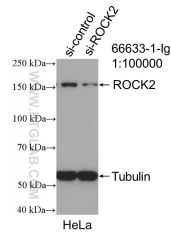
W: ptgcn.com

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

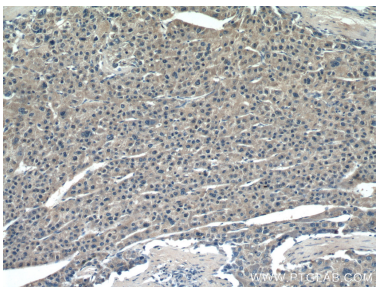
Selected Validation Data



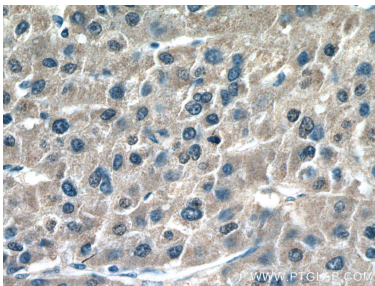
Various lysates were subjected to SDS PAGE followed by western blot with 66633-1-Ig (ROCK2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66633-1-PBS in a different storage buffer formulation.



WB result of ROCK2 antibody (66633-1-Ig; 1:100000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ROCK2 transfected HeLa cells. This data was developed using the same antibody clone with 66633-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66633-1-Ig (ROCK2 antibody) at dilution of 1:100000 (under 10x lens). This data was developed using the same antibody clone with 66633-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66633-1-Ig (ROCK2 antibody) at dilution of 1:500 (under 40x lens). This data was developed using the same antibody clone with 66633-1-PBS in a different storage buffer formulation.