

For Research Use Only

CoraLite®594-conjugated ROCK2 Monoclonal antibody



Catalog Number: CL594-66633

Featured Product

Basic Information

Catalog Number: CL594-66633	GenBank Accession Number: BC111801	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9475	CloneNo.: 1C7B8
Source: Mouse	Full Name: Rho-associated, coiled-coil containing protein kinase 2	Recommended Dilutions: WB 1:500-1:1000
Isotype: IgG2b	Calculated MW: 77 kDa, 161 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG16330	Observed MW: 161 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : HeLa cells,
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

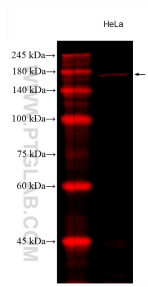
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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.