

For Research Use Only

CDC42 Monoclonal antibody

Catalog Number: 67212-1-Ig



Basic Information

Catalog Number:

67212-1-Ig

Size:

150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgM

Immunogen Catalog Number:

AG28550

GenBank Accession Number:

BC002711

GeneID (NCBI):

998

UNIPROT ID:

P60953

Full Name:

cell division cycle 42 (GTP binding protein, 25kDa)

Calculated MW:

21 kDa

Observed MW:

21 kDa

Purification Method:

Caprylic acid/ammonium sulfate precipitation

CloneNo.:

2G5E8

Recommended Dilutions:

WB 1:5000-1:20000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : HeLa cells, rat brain tissue, mouse cerebellum tissue, HEK-293 cells, MCF-7 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, mouse brain tissue

Background Information

Cdc42, the human homologue of the cell division cycle 42 of *Saccharomyces cerevisiae*, belongs to the Rho/Rac subfamily of Ras-like GTPases. It acts as molecular switches to regulate numerous cellular responses including the organization of the actin cytoskeleton, gene transcription, cell cycle progression, and membrane trafficking

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

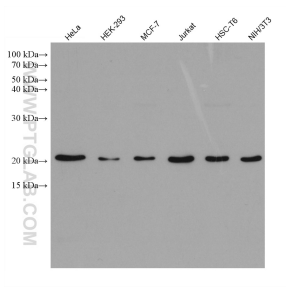
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

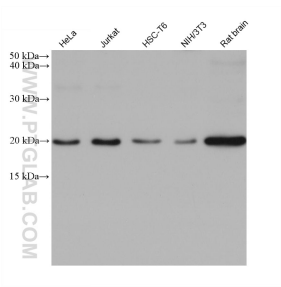
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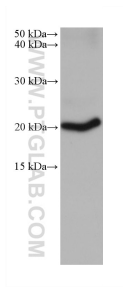
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67212-1-Ig (CDC42 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67212-1-Ig (CDC42 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 67212-1-Ig (CDC42 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.