

DOCK1 Monoclonal antibody

Catalog Number: 67296-1-Ig

Basic Information

Catalog Number:

67296-1-Ig

Size:

1700 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG18069

GenBank Accession Number:

BC146857

GeneID (NCBI):

1793

UNIPROT ID:

Q14185

Full Name:

dedicator of cytokinesis 1

Calculated MW:

1865 aa, 215 kDa

Observed MW:

215 kDa

Purification Method:

Protein A purification

CloneNo.:

1C3F12

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : HeLa cells, HSC-T6 cells, HEK-293 cells, HepG2 cells, 4T1 cells, NIH/3T3 cells

Background Information

DOCK1, also named as DOCK180, belongs to the DOCK family. It is involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. DOCK1 functions as a guanine nucleotide exchange factor (GEF), which activates Rac/Rho small GTPases by exchanging bound GDP for free GTP. Its GEF activity may be enhanced by ELMO1.

Storage

Storage:

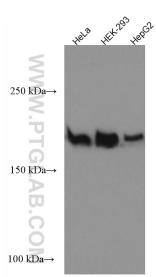
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

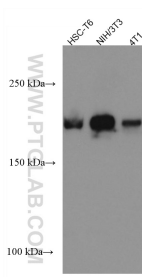
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67296-1-Ig (DOCK1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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