

For Research Use Only

DOCK7 Monoclonal antibody

Catalog Number: 67842-1-Ig



Basic Information

Catalog Number: 67842-1-Ig	GenBank Accession Number: BC016392	Purification Method: Protein A purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 85440	CloneNo.: 1A4A6
Source: Mouse	Full Name: dedicator of cytokinesis 7	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2b	Calculated MW: 2109 aa, 239 kDa	
Immunogen Catalog Number: AG28417	Observed MW: 243 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, PC-12 cells, LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, NIH/3T3 cells, NIH3T3 cells, 4T1 cells
Species Specificity: Human, mouse, rat	

Background Information

DOCK 7 (dedicator of cytokinesis 7), also known as ZIR2, is a member of the DOCK180-related protein superfamily. Expressed mainly in neuronal cells, DOCK 7 is a guanine nucleotide exchange factor (GEF) for small GTPases, Rac1 and Cdc42, which are the major regulators of actin cytoskeleton. Multiple isoforms of DOCK 7 exist due to alternative splicing events.

Storage

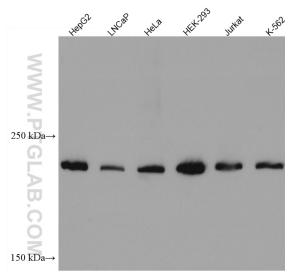
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67842-1-Ig (DOCK7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.