

For Research Use Only

# DOCK7 Monoclonal antibody, PBS Only



Catalog Number: 67842-1-PBS

## Basic Information

<b>Catalog Number:</b> 67842-1-PBS	<b>GenBank Accession Number:</b> BC016392	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 85440	<b>CloneNo.:</b> 1A4A6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q96N67	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> dedicator of cytokinesis 7	
<b>Immunogen Catalog Number:</b> AG28417	<b>Calculated MW:</b> 2109 aa, 239 kDa	
	<b>Observed MW:</b> 243 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**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

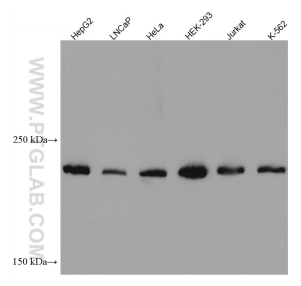
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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 67842-1-Ig (DOCK7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67842-1-PBS in a different storage buffer formulation.