

For Research Use Only

CoraLite® Plus 488-conjugated DOCK7 Monoclonal antibody

Catalog Number: CL488-67842



Basic Information

Catalog Number: CL488-67842	GenBank Accession Number: BC016392	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 85440	CloneNo.: 1A4A6
Source: Mouse	UNIPROT ID: Q96N67	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2b	Full Name: dedicator of cytokinesis 7	
Immunogen Catalog Number: AG28417	Calculated MW: 2109 aa, 239 kDa	
	Observed MW: 243 kDa	

Applications

Tested Applications:
FC (Intra)

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. Avoid exposure to light. Stable for one year after shipment.

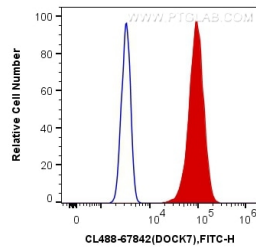
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human DOCK7 (CL488-67842, Clone:1A4A6) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).