

For Research Use Only

# CoraLite® Plus 488-conjugated DOCK7 Monoclonal antibody



Catalog Number: CL488-67842

## Basic Information

Catalog Number:

CL488-67842

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG28417

GenBank Accession Number:

BC016392

GeneID (NCBI):

85440

UNIPROT ID:

Q96N67

Full Name:

dedicator of cytokinesis 7

Calculated MW:

2109 aa, 239 kDa

Observed MW:

243 kDa

Purification Method:

Protein A purification

CloneNo.:

1A4A6

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## 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:

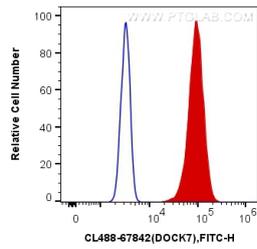
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1X10<sup>6</sup> 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).