

For Research Use Only

CoraLite® Plus 488-conjugated DOCK8 Recombinant antibody

Catalog Number:CL488-83270-2



Basic Information

Catalog Number:

CL488-83270-2

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34585

GenBank Accession Number:

BC019102

GeneID (NCBI):

81704

UNIPROT ID:

Q8NF50

Full Name:

dedicator of cytokinesis 8

Calculated MW:

2031 aa, 231 kDa

Observed MW:

239 kDa

Purification Method:

Protein A purification

CloneNo.:

230441A2

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : THP-1 cells,

Background Information

DOCK8 is a member of the DOCK family of proteins, which have a unique DRH2 domain enabling them to act as GEFs and so controlling a range of cellular processes in various signaling pathways (PMID: 12432077). The specific target of DOCK8 is Cell division control protein 42 homolog (Cdc42), a small GTPase that is involved in regulation of the cell cycle and forms a complex. DOCK8 also acts as a scaffold molecule in this complex that initiates actin polymerization via the Wiskott-Aldrich Syndrome protein (WASp) (PubMed: 28028151, PubMed: 22461490).

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:

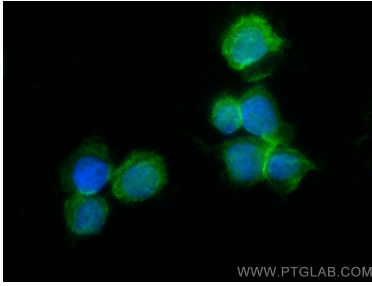
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CoraLite® Plus 488 DOCK8 antibody (CL488-83270-2, Clone: 230441A2) at dilution of 1:200.