For Research Use Only

CoraLite®594-conjugated GDI1 Monoclonal antibody

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Antibodies | ELISA kits | Proteins
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Catalog Number:CL594-66434

Basic Information

Catalog Number:
CL594-66434

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG17511

GenBank Accession Number:
BC000317

GeneID (NCBI):
2664

Full Name:
GDP dissociation inhibitor 1

Calculated MW:
51 kDa

Observed MW:
55 kDa

Purification Method:
Protein G purification

CloneNo.:
4E1G1

Recommended Dilutions:
IF 1:50-1:500

Excitation/Emission maxima wavelengths:
593 nm / 614 nm

Applications

Tested Applications:
IF

Species Specificity:
human, mouse, rat, pig

Positive Controls:

IF : MCF-7 cells,

Background Information

GDP dissociation inhibitors (GDIs) are proteins that regulate the GDP-GTP exchange reaction of members of the rab family. GDIs can bind and release GDP-bound Rab proteins from membranes. Two GDI proteins towards different Rab proteins have been identified. GDI1 interacts with almost all of the Rab proteins, while GDI2 interacts with Rabll but not Rab3A. GDI1 is expressed primarily in neural and sensory tissues and also in secretory cells, displaying a diffuse, cytoplasmic distribution in cells. It runs as a 55 kDa protein in SDS-PAGE. (PMID: 7929030,PMID: 19570034)

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

*** 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
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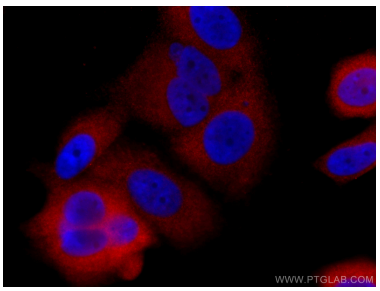
Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using CL594-66434 (GDI1 antibody) at dilution of 1:100.