

For Research Use Only

CoraLite® Plus 647-conjugated GDI2 Monoclonal antibody



Catalog Number: CL647-60078

Basic Information

Catalog Number: CL647-60078	GenBank Accession Number: BC005145	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 2665	CloneNo.: 4B8F3
Source: Mouse	UNIPROT ID: P50395	Recommended Dilutions: IF 1:200-1:800
Isotype: IgG1	Full Name: GDP dissociation inhibitor 2	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: AG4613	Calculated MW: 47 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HeLa cells,
Species Specificity: human, mouse	

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. GDI 1 interacts with almost all of the Rab proteins, while GDI2 interacts with Rab11 but not Rab3A. GDI2 distributes ubiquitously, displaying a membrane bound location in perinuclear regions of cells. GDI-2 was thought to be involved in cellular response to insulin. It electrophoreses as a 46kd protein in SDS-PAGE. (PMID: 7929030; PMID: 19570034). This antibody can bind both GDIs for the close sequences.

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:

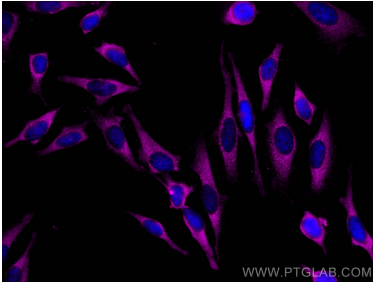
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 647 GDI2 antibody (CL647-60078, Clone: 4B8F3) at dilution of 1:400.