

For Research Use Only

CoraLite® Plus 488-conjugated Prohibitin 2 Monoclonal antibody



Catalog Number: **CL488-66424**

Basic Information

Catalog Number: CL488-66424	GenBank Accession Number: BC014766	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 11331	CloneNo.: 1D9C7
Source: Mouse	UNIPROT ID: Q99623	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Full Name: prohibitin 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG2977	Calculated MW: 299 aa, 33 kDa	
	Observed MW: 33 kDa	

Applications

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

Background Information

PHB2, also named as BAP, REA, D-prohibitin, BAP37 and Prohibitin-2, belongs to the prohibitin family. It acts as a mediator of transcriptional repression by nuclear hormone receptors via recruitment of histone deacetylases. PHB2 functions as an estrogen receptor (ER)-selective coregulator that potentiates the inhibitory activities of antiestrogens and represses the activity of estrogens. It competes with NCOA1 for modulation of ER transcriptional activity. PHB2 is probably involved in regulating mitochondrial respiration activity and in aging.(PMID: 10359819)

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:

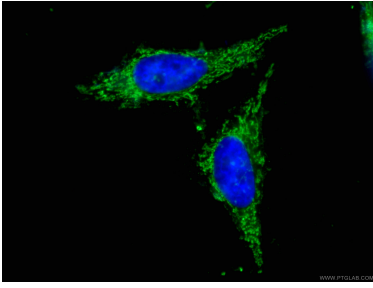
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CL488-66424 (Prohibitin 2 antibody) at dilution of 1:100.