

For Research Use Only

CoraLite® Plus 488-conjugated ARL13B Recombinant monoclonal antibody

Catalog Number:CL488-82834-2



Basic Information

Catalog Number: CL488-82834-2	GenBank Accession Number: BC094725	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 200894	CloneNo.: 3H5
Isotype: IgG	UNIPROT ID: Q35XY8	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: AG12015	Full Name: ADP-ribosylation factor-like 13B	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 48 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : hTERT-RPE1 cells,
Species Specificity: human	

Background Information

ARL13B, also named as ARL2L1, is a small ciliary G protein of the Ras superfamily. Localized in the cilia, it is required for cilium biogenesis and sonic hedgehog signaling. Defects in ARL13B are the cause of Joubert syndrome (JS) which is an autosomal recessive disorder characterized by a distinctive cerebellar malformation (PMID: 19906870). ARL13B can be used to mark the cilia (PMID:22072986). The second antibody is used against guinea pigs.

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, pH7.3
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 hTERT-RPE1 cells using CoraLite® Plus 488 ARL13B antibody (CL488-82834-2, Clone: 3H5) at dilution of 1:100.