

Catalog Number: **CL488-66739**

Catalog Number: CL488-66739	GenBank Accession Number: BC094725	Purification Method: Protein A purification
Size: 1000 μg/ml	GeneID (NCBI): 200894	CloneNo.: 1H6C3
Source: Mouse	UNIPROT ID: Q3SXY8	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Full Name: ADP-ribosylation factor-like 13B	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG12031	Calculated MW: 48 kDa Observed MW: 60 kDa	

<p>Tested Applications: IF/ICC</p> <p>Species Specificity: Human, Canine</p>	<p>Positive Controls: IF : hTERT-RPE1 cells, MDCK cells</p>
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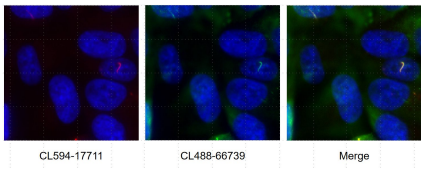
ARL13B, also named as ARL2L1, is a small ciliary G protein of the Ras superfamily. Localized in the cilia, it is required for cilium biogenesis and sonic hedgehog signaling. Defects in ARL13B are the cause of Joubert syndrome (JS) which is an autosomal recessive disorder characterized by a distinctive cerebellar malformation (PMID: 19906870). ARL13B is predicted to be a 48 kDa protein, and the 60 kDa band is likely to represent a modified form of ARL13b. ARL13B can be used to mark the cilia (PMID:22072986).

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using CoraLite® Plus 488 ARL13B antibody (CL488-66739, Clone: 1H6C3) at dilution of 1:200.