

For Research Use Only

ARL8B Monoclonal antibody

Catalog Number: 67891-1-Ig



Basic Information

Catalog Number: 67891-1-Ig	GenBank Accession Number: BC013131	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 55207	CloneNo.: 2G10E2
Source: Mouse	UNIPROT ID: Q9NVJ2	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:1000-1:4000
Isotype: IgG2a	Full Name: ADP-ribosylation factor-like 8B	
Immunogen Catalog Number: AG3711	Calculated MW: 186 aa, 22 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat, pig	WB : K-562 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, LNCaP cells, pig brain tissue, rat brain tissue
	IF/ICC : A549 cells,

Background Information

ARL8B (ADP-ribosylation factor-like 8B) , also known as ARL10C or GIE1, is a small GTPase of the Arl-family, that is associated with the lysosome. ARL8A interacts with Tubulin, and plays a role in lysosome motility, as well as in chromosomal segregation. ARL8B plays a role in the spatial distribution and positioning of lysosomes. ARL8B is regarded as a regulator of endosome to lysosome trafficking pathways of special significance for host defense.

Storage

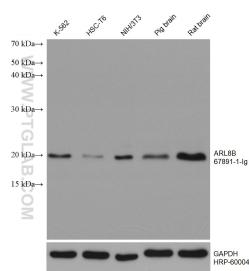
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

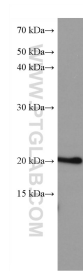
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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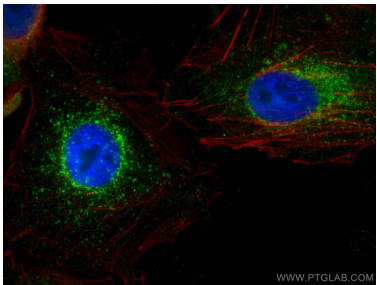
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67891-1-Ig (ARL8B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



LNCaP cells were subjected to SDS PAGE followed by western blot with 67891-1-Ig (ARL8B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using ARL8B antibody (67891-1-Ig, Clone: 2G10E2) at dilution of 1:2000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).