

For Research Use Only

# ARL3 Monoclonal antibody

Catalog Number: 68421-1-Ig



## Basic Information

Catalog Number:	68421-1-Ig	GenBank Accession Number:	BC009841	Purification Method:	Protein A purification
Size:	150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI):	403	CloneNo.:	2E5B12
Source:	Mouse	UNIPROT ID:	P36405	Recommended Dilutions:	WB 1:2000-1:10000 IF/ICC 1:500-1:2000
Isotype:	IgG2b	Full Name:	ADP-ribosylation factor-like 3		
Immunogen Catalog Number:	AG21387	Calculated MW:	20 kDa		
		Observed MW:	20-24 kDa		

## Applications

Tested Applications:	WB, IF/ICC, ELISA	Positive Controls:	
Species Specificity:	Human, rat, rabbit	WB :	HeLa cells, rabbit testis tissue, rat retina tissue
		IF/ICC :	hTERT-RPE1 cells,

## Background Information

ARL3 (ADP-ribosylation factor-like 3) is a member of the ADP-ribosylation factor family of GTP-binding proteins. ARL3 binds guanine nucleotides but lacks ADP-ribosylation factor activity. ARL3 is believed to be involved in ciliary and microtubule-dependent processes.

## Storage

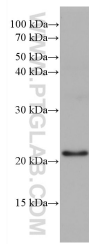
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

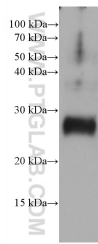
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

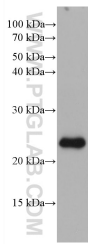
## Selected Validation Data



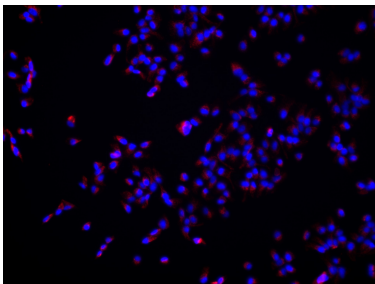
HeLa cells were subjected to SDS PAGE followed by western blot with 68421-1-Ig (ARL3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



rabbit testis tissue were subjected to SDS PAGE followed by western blot with 68421-1-Ig (ARL3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



rat retina tissue were subjected to SDS PAGE followed by western blot with 68421-1-Ig (ARL3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using ARL3 antibody (68421-1-Ig, Clone: 2E5B12 ) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004 ).