ARL3 Monoclonal antibody

Catalog Number:68421-1-Ig

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Basic Information

Catalog Number: 68421-1-Ig	**GenBank Accession Number:** BC009841	**Purification Method:** Protein A purification
Size: 1000 μg/ml	**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,ELISA

Species Specificity:
Human, rat, rabbit

Positive Controls:

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.
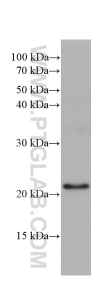
Storage

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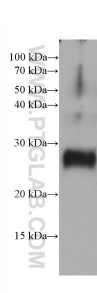**Storage Buffer:**
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
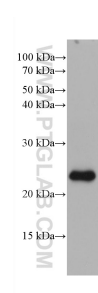Aliquoting is unnecessary for -20℃ storage
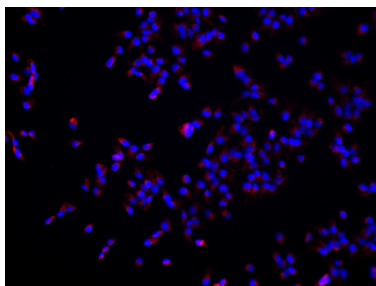
Selected Validation Data

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).