

For Research Use Only

PARD3 Monoclonal antibody, PBS Only



Catalog Number: 66968-1-PBS

Basic Information

Catalog Number: 66968-1-PBS	GenBank Accession Number: BC011711	Purification Method: Protein G purification
Size: 1mg/ml	GeneID (NCBI): 56288	CloneNo.: 1D2B2
Source: Mouse	UNIPROT ID: Q8TEW0	
Isotype: IgG1	Full Name: par-3 partitioning defective 3 homolog (C. elegans)	
Immunogen Catalog Number: AG7656	Calculated MW: 151 kDa	
	Observed MW: 170 kDa	

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
Human

Background Information

PARD3 (also known as ASIP, Par3, or Bazooka) is one of PARD proteins which are essential for asymmetric cell division and polarized growth. PAR3 is involved in the establishment of cell polarity and in the asymmetric cytokinesis. It plays a role in tight junctions at epithelial cell-cell contacts.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

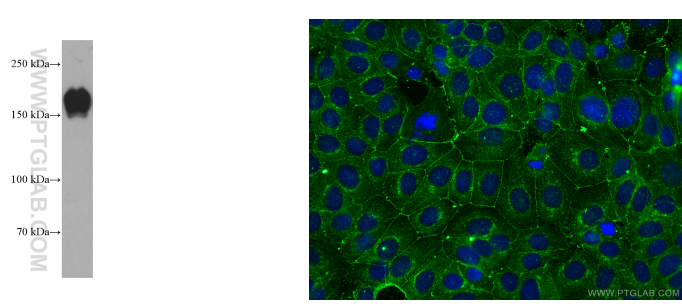
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

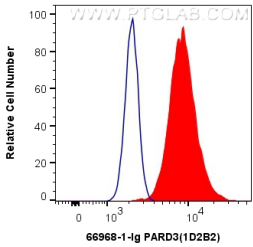
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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 66968-1-Ig (PARD3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66968-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using PARD3 antibody (66968-1-Ig, Clone: 1D2B2) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66968-1-PBS in a different storage buffer formulation.



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug Anti-Human PARD3 (66968-1-Ig, Clone:1D2B2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 66968-1-PBS in a different storage buffer formulation.