

For Research Use Only

ARPC1B Monoclonal antibody, PBS Only



Catalog Number: 67320-1-PBS

Basic Information

Catalog Number: 67320-1-PBS	GenBank Accession Number: BC007555	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10095	CloneNo.: 2C8A1
Source: Mouse	UNIPROT ID: O15143	
Isotype: IgG1	Full Name: actin related protein 2/3 complex, subunit 1B, 41kDa	
Immunogen Catalog Number: AG29095	Calculated MW: 41 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, rat, mouse

Background Information

ARPC1B also known as ARC41, p41-ARC, or p40-ARC, is one of seven subunits of the human Arp2/3 protein complex, that belongs to the SOP2 family. ARPC1B localizes on centrosomes and has a distinct role in centrosomal homeostasis. ARPC1B is both a physiological activator and substrate of Aurora A kinase, and these interactions help to maintain mitotic integrity in mammalian cells. In recent resaeach, ARPC1B is selected as a candidate prediction marker for sensitivity of Choroidal malignant melanomas to radiotherapy.

Storage

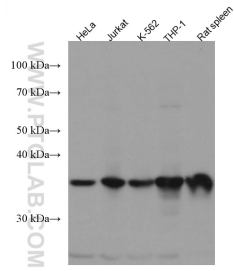
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

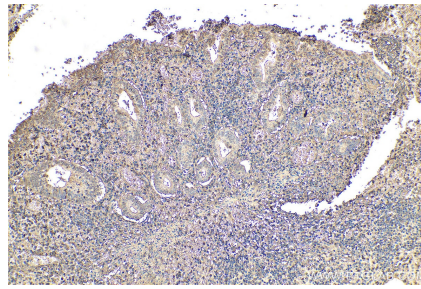
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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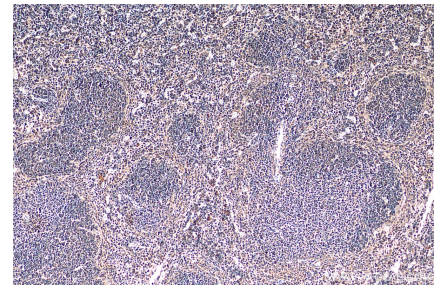
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67320-1-Ig (ARPC1B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67320-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 67320-1-Ig (ARPC1B antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67320-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 67320-1-Ig (ARPC1B antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67320-1-PBS in a different storage buffer formulation.