

For Research Use Only

# SMARCB1 Monoclonal antibody, PBS Only

Catalog Number: 67979-1-PBS



## Basic Information

Catalog Number: 67979-1-PBS	GenBank Accession Number: NM_003073	Purification Method: Protein G purification
Size: 1mg/ml	GeneID (NCBI): 6598	CloneNo.: 1D10A4
Source: Mouse	UNIPROT ID: Q12824	
Isotype: IgG1	Full Name: SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1	
Immunogen Catalog Number: AG28911	Calculated MW: 44 kDa	
	Observed MW: 40-45 kDa	

## Applications

Tested Applications:  
WB, IHC, Indirect ELISA

Species Specificity:  
human, mouse, rat

## Background Information

SMARCB1 is part of a complex that relieves repressive chromatin structures, allowing the transcriptional machinery to access its targets more effectively. The encoded nuclear protein may also bind to and enhance the DNA joining activity of HIV-1 integrase. This gene has been found to be a tumor suppressor and mutations in it have been associated with malignant rhabdoid tumors. Two transcript variants encoding different isoforms have been found for this gene.

## 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:

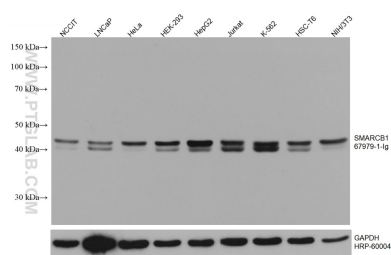
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

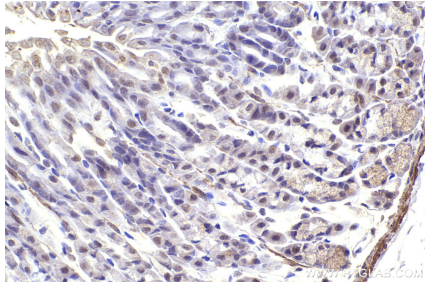
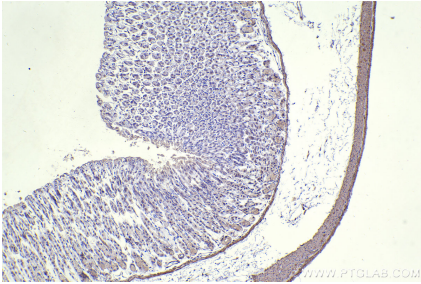
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67979-1-Ig (SMARCB1 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. This data was developed using the same antibody clone with 67979-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 67979-1-Ig (SMARCB1 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 67979-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 67979-1-Ig (SMARCB1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67979-1-PBS in a different storage buffer formulation.