

For Research Use Only

# MKS1 Monoclonal antibody

Catalog Number: 66518-1-Ig



## Basic Information

<b>Catalog Number:</b> 66518-1-Ig	<b>GenBank Accession Number:</b> BC010061	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop and 900 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 54903	<b>CloneNo.:</b> 6A8B11
<b>Source:</b> Mouse	<b>Full Name:</b> Meckel syndrome, type 1	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:150-1:600
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 559 aa, 65 kDa	
<b>Immunogen Catalog Number:</b> AG9504	<b>Observed MW:</b> 65-70 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

Human, pig, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : NCCIT cells, NCCIT cells, pig brain tissue, HEK-293 cells, HSC-T6 cells

IHC : mouse brain tissue, human liver cancer tissue

## Background Information

### 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

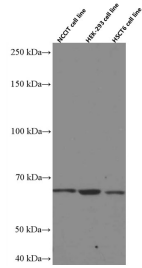
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

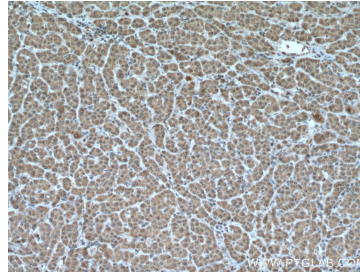
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

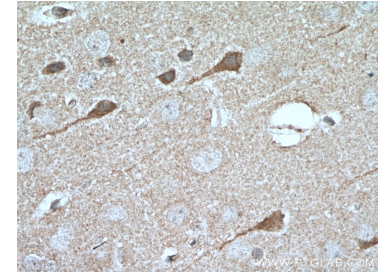
## Selected Validation Data



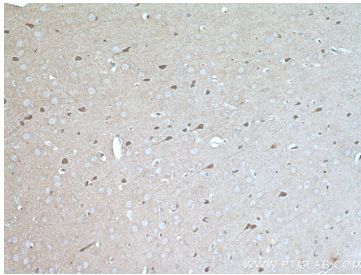
Various lysates were subjected to SDS PAGE followed by western blot with 66518-1-Ig (BBS13 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66518-1-Ig (MKS1 antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66518-1-Ig (MKS1 antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66518-1-Ig (MKS1 antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).