

# MKS1 Monoclonal antibody

Catalog Number: 66518-1-Ig

## Basic Information

**Catalog Number:**

66518-1-Ig

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG9504

**GenBank Accession Number:**

BC010061

**GeneID (NCBI):**

54903

**UNIPROT ID:**

Q9NXB0

**Full Name:**

Meckel syndrome, type 1

**Calculated MW:**

559 aa, 65 kDa

**Observed MW:**

65-70 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

6A8B11

**Recommended Dilutions:**

WB 1:1000-1:6000

IHC 1:150-1:600

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Species Specificity:**

Human, pig, rat, mouse

**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:**

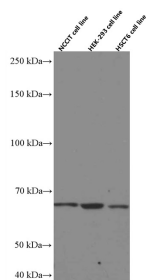
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

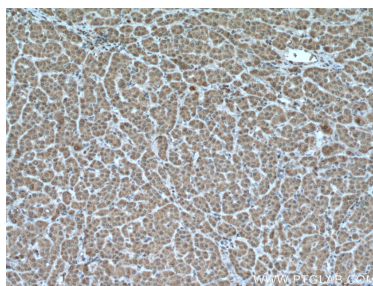
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

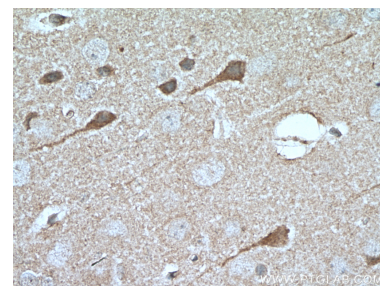
## Selected Validation Data



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).