

For Research Use Only

# Maspin Monoclonal antibody, PBS Only



Catalog Number: 67633-1-PBS

## Basic Information

Catalog Number:

67633-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG19129

GenBank Accession Number:

BC020713

GeneID (NCBI):

5268

UNIPROT ID:

P36952

Full Name:

serpin peptidase inhibitor, clade B (ovalbumin), member 5

Calculated MW:

375 aa, 42 kDa

Observed MW:

38-40 kDa

Purification Method:

Protein A purification

CloneNo.:

3G5A3

## Applications

Tested Applications:

WB, IF, IHC, Indirect ELISA

Species Specificity:

Human

## Background Information

SERPINB5, also named as PI-5, Maspin and Serpin B5, belongs to the serpin family and Ov-serpin subfamily. It is a tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, SERPINB5 exhibits no serine protease inhibitory activity.

## 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:

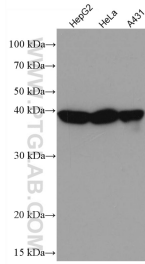
T: 4006900926

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

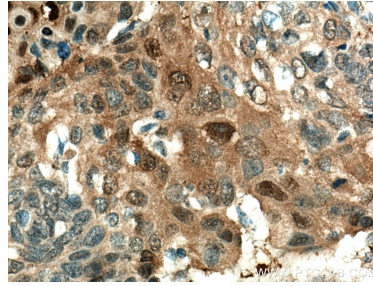
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

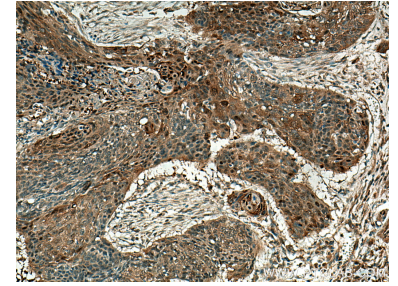
## Selected Validation Data



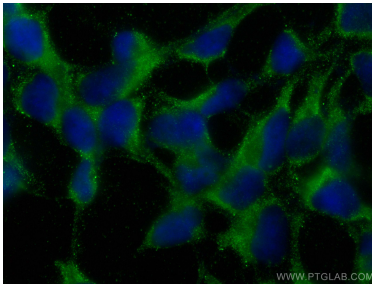
Various lysates were subjected to SDS PAGE followed by western blot with 67633-1-Ig (Maspin antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67633-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 67633-1-Ig (Maspin antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67633-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 67633-1-Ig (Maspin antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67633-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using Maspin antibody (67633-1-Ig, Clone: 3G5A3) at dilution of 1:1600 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 67633-1-PBS in a different storage buffer formulation.