

For Research Use Only

Maspin Monoclonal antibody

Catalog Number: 67633-1-Ig



Basic Information

Catalog Number: 67633-1-Ig	GenBank Accession Number: BC020713	Purification Method: Protein A purification
Size: 1600 µg/ml	GeneID (NCBI): 5268	CloneNo.: 3G5A3
Source: Mouse	UNIPROT ID: P36952	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:150-1:600
Isotype: IgG2a	Full Name: serpin peptidase inhibitor, clade B (ovalbumin), member 5	
Immunogen Catalog Number: AG19129	Calculated MW: 375 aa, 42 kDa	
	Observed MW: 38-40 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

Human

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 : HepG2 cells, Human saliva, HeLa cells, A431 cells

IHC : human oesophagus cancer tissue,

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 -20°C.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

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

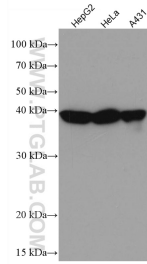
T: 4006900926

E: Proteintech-CN@ptglab.com

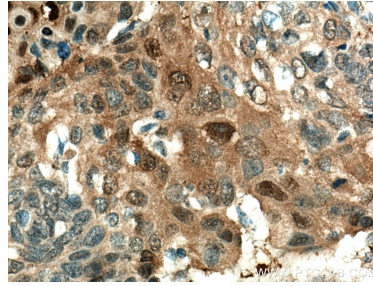
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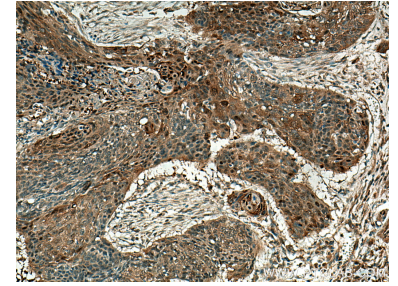
Selected Validation Data



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.



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).



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).