

Nur für Forschungszwecke

# Maspin Monoklonaler Antikörper

Katalog-Nr.:67633-1-Ig



## Allgemeine Informationen

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| <b>Katalog-Nr.:</b><br>67633-1-Ig  | <b>GenBank-Zugangsnummer:</b><br>BC020713  | <b>Reinigungsmethode:</b><br>Protein-A-Reinigung                       |
| <b>Größe:</b><br>150ul , Konzentration: 1600 µg/ml von5268<br>Nanodrop und 1000 µg/ml durch die<br>Bradford-Methode mit BSA als<br>Standard; | <b>GeneID (NCBI):</b><br>5268  | <b>CloneNo.:</b><br>3G5A3  |
| <b>Wirt:</b><br>Maus   | <b>Vollständiger Name:</b><br>serpin peptidase inhibitor, clade B<br>(ovalbumin), member 5 | <b>Empfohlene Verdünnungen:</b><br>WB 1:1000-1:6000<br>IHC 1:150-1:600 |
| <b>Isotyp:</b><br>IgG2a  | <b>Berechnete Masse:</b><br>375 aa, 42 kDa   |  |
| <b>Immunogen Katalognummer:</b><br>AG19129   | <b>Beobachtete Masse:</b><br>38-40 kDa   |  |

## Anwendungen

|   |  |
|---|--|
| <b>Geprüfte Anwendungen:</b><br>IHC, WB,ELISA   | <b>Positivkontrollen:</b><br>WB : HepG2-Zellen, A431-Zellen, HeLa-Zellen<br>IHC : humanes Ösophaguskarzinomgewebe, |
| <b>Getestete Reaktivität:</b><br>Human  |  |
| <b>Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b> |  |

## Hintergrundinformationen

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.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern.  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

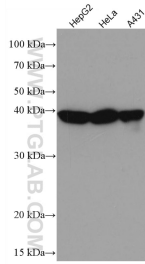
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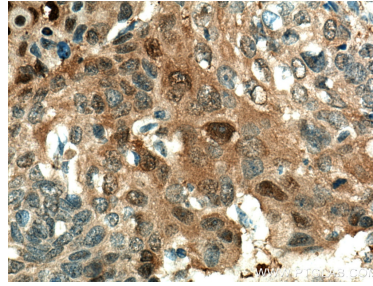
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W: ptglab.com

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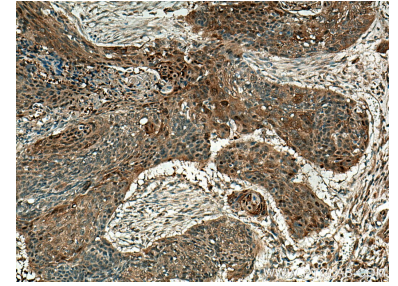
## Ausgewählte Validierungsdaten



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).