

Mouse anti-Human Serpin B5/Maspin Monoclonal Antibody | anti-SERPINB5 antibody

Serpin B5/Maspin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48341	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Serpin B5/Maspin; Monoclonal Antibody; Serine (or cysteine) proteinase inhibitor clade B (ovalbumin) member 5; Serine (or cysteine) proteinaseinhibitor clade B (ovalbumin) member 5; Serpin B5; Protease inhibitor 5; SERPINB5; PI5; Serine (orcysteine) proteinase inhibitor clade B (ovalbumin) member 5 Serine (or cysteine) peptidase inhibitor; clade B; member 5; Ovalbumin; PI-5; Serpin peptidase inhibitor; clade B (ovalbumin); Spi5; Spi7; anti-SERPINB5 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	AT2N6
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	375
Applicable Applications for anti-SERPINB5 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant Maspin (1-375aa) purified from E. coli
Conjugation	Unconjugated
Note	This product was produced from tissue culture supernatant.
Preparation and Storage	Can be stored at 2 degree C to 8 degree C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The cell lysate(40ug) was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Serpin B5/Maspin antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: A431 cell lysate



ICC (Immunocytochemistry)

ICC/IF analysis of Serpin B5/Maspin in HeLa cells. The cell was stained (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINB5 antibody	Serine (or cysteine) proteinase inhibitor clade B (ovalbumin) member 5, also known as Maspin, is a tumorsuppressor protein of serine proteinase inhibitor family. It plays an essential role in embryonic developmentthrough critical roles in cell adhesion. Also, it is present in normal breast and prostatic epithelial cells butdownregulated in the respective carcinomas.
Product Categories/Family for anti-SERPINB5 antibody	Cancer; Tags & Cell Markers
References	Lockett J. et al., (2006) J Cell Biochem 97(4):651-660.; Khalkhali Ellis Z. et al., (2006) Clin Cancer Res 12(24):7279-7283.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167860126
NCBI GeneID	5268
NCBI Accession #	NP_002630
NCBI GenBank Nucleotide #	NP_002630.2
UniProt Accession #	P36952
NCBI Official Full Name	serpin B5
NCBI Official Synonym Full Names	serpin family B member 5
NCBI Official Symbol	SERPINB5
NCBI Official Synonym Symbols	PI5; maspin
NCBI Protein Information	serpin B5
UniProt Protein Name	Serpin B5
UniProt Gene Name	SERPINB5
UniProt Synonym Gene Names	PI5; PI-5
UniProt Entry Name	SPB5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/serpin-b5-maspin-antibody-clone-at2n6-immunofluorescence-immunocytochemistry-western-blot-elisa/48341>