

Mouse anti-Human Maspin Monoclonal Antibody | anti-SERPINB5 antibody

Maspin antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48055	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

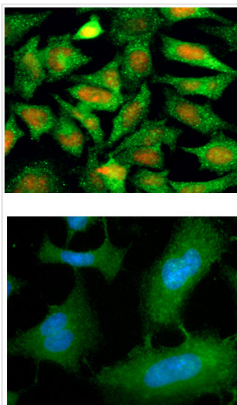
PRODUCT SYNONYMS

Maspin; Monoclonal Antibody; Maspin antibody; Serine (or cysteine) proteinase inhibitor clade B (ovalbumin) member 5; Serpin B5; Protease inhibitor 5; SERPINB5; PI5; Serine (or cysteine) 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

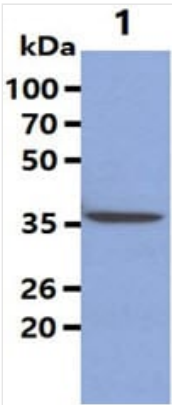
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT2N6
Purity/Purification	By protein-G 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	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant Maspin (1-375aa) purified from E. coli
Clone Note	Anti-human Maspin mAb, clone AT2N6, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human Maspin protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of human HeLa cells stained with PI (Red) and monoclonal anti-Maspin antibody (1:500) with Alexa 488 (Green). ICC/IF analysis of Maspin in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human Maspin antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)
The Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Maspin antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate

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 tumor suppressor protein of serine proteinase inhibitor family. It plays an essential role in embryonic development through critical roles in cell adhesion. Also, it is present in normal breast and prostatic epithelial cells but downregulated in the respective carcinomas.
Product Categories/Family for anti-SERPINB5 antibody	Development
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 #	NM_002639.4
UniProt Accession #	P36952; Q6N0B4; Q8WW89; B2R6Y4
Molecular Weight	25,763 Da
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

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/maspin-antibody-clone-at2n6-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/48055>