

Datasheet for ABIN487957

anti-SERPINB5 antibody (Biotin)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SERPINB5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINB5 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Highly purified recombinant Human Maspin.
Specificity:	This antibody recognizes Maspin/SERPINB5.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity Chromatography.

Target Details

Target:	SERPINB5
Alternative Name:	SERPINB5 / Maspin (SERPINB5 Products)
Background:	MASPIN 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, it exhibits no serine protease inhibitory activity.Synonyms: PI-5, PI5, Peptidase inhibitor 5, Protease inhibitor 5, Serpin B5

Target Details

Gene ID:	5268
NCBI Accession:	NP_002630
UniProt:	P36952
Pathways:	p53 Signaling

Application Details

Application Notes:	Direct Elisa: To detect Human Maspin by Direct ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1.0 µg/mL of this antibody is required. This Biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant Human Maspin. Sandwich Elisa: To detect Human Maspin by Sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1.0 µg/mL of this antibody is required. This Biotinylated polyclonal antibody, in conjunction with Affinity purified Anti-Human Maspin (ABIN487959 or ABIN487960) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Human Maspin. Western Blot: To detect Human Maspin by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human Maspin is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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Restrictions:	For Research Use only
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Handling

Reconstitution:	Restore in sterile PBS containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS, pH 7.2 without preservatives.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody prior to reconstitution at -20 °C. Following reconstitution the antibody can be stored at 2-8 °C for one month or at -20 °C for longer.