

Product datasheet for **AP09877BT-N**

MASPIN (SERPINB5) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	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 (AP09877PU-N or AP09877PU-S) 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.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly purified recombinant Human Maspin.
Specificity:	This antibody recognizes Maspin/SERPINB5.
Formulation:	PBS, pH 7.2 without preservatives. Label: Biotin State: Lyophilized (sterile filtered) purified Ig fraction.
Reconstitution Method:	Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography.
Conjugation:	Biotin
Storage:	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. Avoid repeated freezing and thawing.



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Stability:	Shelf life: One year from despatch.
Gene Name:	serpin family B member 5
Database Link:	Entrez Gene 5268 Human P36952
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:	Serpin B5, PI5, PI-5
Note:	Centrifuge vial prior to opening.