

Maspin (AB2439) mouse mAb

W0362

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 42 kDa (calculated)
- 40 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB2439
Immunogen	A synthetic peptide corresponding to the amino acid region 300 - 375 of the human Maspin protein.
Specificity	This antibody detects endogenous levels of Maspin protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	SERPINB5		
Protein Name	Maspin		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P36952	5268

Background	Predicted to enable serine-type endopeptidase inhibitor activity. Predicted to be involved in negative regulation of endopeptidase activity. Predicted to act upstream of or within several processes, including extracellular matrix organization; prostate gland morphogenesis; and regulation of epithelial cell proliferation. Located in cytoplasm. Biomarker of hepatocellular carcinoma. [provided by Alliance of Genome Resources, Apr 2022]
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