

Product datasheet

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ARG65745 anti-Maspin antibody

Package: 100 μl Store at: -20°C

Summary

Host

Product Description Rabbit Polyclonal antibody recognizes Maspin

Rabbit

Tested Reactivity Hu, Ms
Tested Application IHC-P, WB

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Clonality Polyclonal

Isotype IgG

Target Name Maspin
Species Human

Immunogen Fusion protein of Human Maspin

Conjugation Un-conjugated

Alternate Names PI-5; PI5; Maspin; Serpin B5; maspin; Peptidase inhibitor 5

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:300
	WB	1:1000 - 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	WB: Mouse esophagus and human cervical cancer tissue IHC-P: Human esophagus cancer and human lung cancer	

Properties

Form Liquid

Purification Affinity purification with immunogen.

Buffer PBS (pH 7.4), 0.05% Sodium azide and 40% Glycerol

Preservative 0.05% Sodium azide

Stabilizer 40% Glycerol

Concentration 2 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links GeneID: 20724 Mouse

GeneID: 5268 Human

Swiss-port # P36952 Human

Swiss-port # P70124 Mouse

Gene Symbol SERPINB5

Gene Full Name serpin peptidase inhibitor, clade B (ovalbumin), member 5

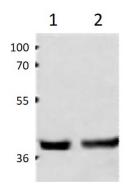
Function Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it

does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active

serpins, it exhibits no serine protease inhibitory activity. [UniProt]

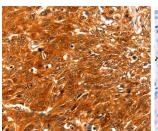
Calculated Mw 42 kDa

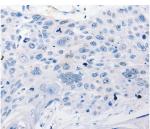
Images



ARG65745 anti-Maspin antibody WB image

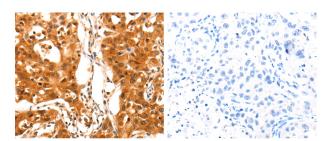
Western blot: 40 μg of 1) Mouse esophagus tissue, and 2) Human cervical cancer tissue stained with ARG65745 anti-Maspin antibody at 1:1000 dilution.





ARG65745 anti-Maspin antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human esophagus cancer tissue stained with ARG65745 anti-Maspin antibody (left) at 1:60 dilution, or the same antibody pre-incubated with antigen (right). (Original magnification: X200)



ARG65745 anti-Maspin antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human lung cancer tissue stained with ARG65745 anti-Maspin antibody (left) at 1:60 dilution, or the same antibody pre-incubated with antigen (right). (Original magnification: X200)