



## Maspin Monoclonal Antibody

Catalog No         BYmab-00441           Isotype         IgG           Reactivity         Human;Mouse;Rat           Applications         WB           Gene Name         SERPINB5           Protein Name         Serpin B5           Immunogen         The antiserum was produced against synthesized peptide derived from human Serpin B5. AA range:91-140           Specificity         Maspin Monoclonal Antibody detects endogenous levels of Maspin protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         SERPINB5; PI5; Serpin B5; Maspin; Peptidase inhibitor 5; PI-5           Observed Band         40kD           Cell Pathway         Secreted, extracellular space.           Tissue Specificity         Normal mammary epithelial cells.           Function         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		
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Gene Name SERPINB5 Protein Name Serpin B5  Immunogen The antiserum was produced against synthesized peptide derived from human Serpin B5. AA range:91-140  Specificity Maspin Monoclonal Antibody detects endogenous levels of Maspin protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity 290%  Storage Stability -20°C/1 year  Synonyms SERPINB5; PI5; Serpin B5; Maspin; Peptidase inhibitor 5; PI-5  Observed Band 40kD  Cell Pathway Secreted, extracellular space.  Tissue Specificity Normal mammary epithelial cells.  Function 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, similarity, belongs to the serpin family.  Ov-serpin subfamily, tissue specificity: Normal mammary epithelial cells.  Background (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity, similarity, selongs to the serpin family.	Reactivity	Human;Mouse;Rat
Protein Name         Serpin B5           Immunogen         The antiserum was produced against synthesized peptide derived from human Serpin B5. AA range:91-140           Specificity         Maspin Monoclonal Antibody detects endogenous levels of Maspin protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, lgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         SERPINB5; Pl5; Serpin B5; Maspin; Peptidase inhibitor 5; Pl-5           Observed Band         40kD           Cell Pathway         Secreted, extracellular space.           Tissue Specificity         Normal mammary epithelial cells.           Function         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, similarity. Belongs to the serpin family. Ov-serpin subfamily, tissue specificity. Normal mammary epithelial cells.           Background         function:Tumor suppressor. It blocks the growth, invasion, and meta	Applications	WB
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Serpin B5. AA range:91-140  Specificity Maspin Monoclonal Antibody detects endogenous levels of Maspin protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity 290%  Storage Stability -20°C/1 year  Synonyms SERPINB5; PI5; Serpin B5; Maspin; Peptidase inhibitor 5; PI-5  Observed Band 40kD  Cell Pathway Secreted, extracellular space.  Tissue Specificity Normal mammary epithelial cells.  Function 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, similarity: Belongs to the serpin family.  Ov-serpin subfamily., tissue specificity. Normal mammary epithelial cells.  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, similarity:Belongs to the serpin family.	Protein Name	Serpin B5
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms SERPINB5; PI5; Serpin B5; Maspin; Peptidase inhibitor 5; PI-5  Observed Band 40kD  Cell Pathway Secreted, extracellular space.  Tissue Specificity Normal mammary epithelial cells.  Function 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, similarity; Belongs to the serpin family. Ov-serpin subfamily., tissue specificity: Normal mammary epithelial cells., 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, similarity; Belongs to the serpin family. (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity activity is 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.	Immunogen	
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Nanjing BYabscience technology Co.,Ltd





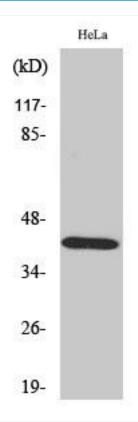
matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using Maspin Monoclonal Antibody

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