

**Maspin Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12083c****Specification**

---

**Maspin Antibody (Center) Blocking peptide - Product Information**Primary Accession [P36952](#)**Maspin Antibody (Center) Blocking peptide - Additional Information****Gene ID** 5268**Other Names**

Serpine B5, Maspin, Peptidase inhibitor 5, PI-5, SERPINB5, PI5

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Maspin Antibody (Center) Blocking peptide - Protein Information****Name** SERPINB5**Synonyms** PI5**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.

**Cellular Location**

Secreted, extracellular space.

**Tissue Location**

Normal mammary epithelial cells.

**Maspin Antibody (Center) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**Maspin Antibody (Center) Blocking peptide - Images****Maspin Antibody (Center) Blocking peptide - Background**

SERPINB5 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.

**Maspin Antibody (Center) Blocking peptide - References**

Kim, J., et al. Tumour Biol. 31(5):471-476(2010) Juengel, E., et al. World J Urol 28(4):465-471(2010) Besgen, P., et al. J. Immunol. 184(9):5392-5402(2010) Fung, C.L., et al. Histopathology 56(3):319-330(2010) Adim, S.B., et al. World J Surg Oncol 8, 22 (2010) :