

**MSMP Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12503c****Specification**

---

**MSMP Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q1L6U9](#)**MSMP Antibody (Center) Blocking peptide - Additional Information****Gene ID** 692094**Other Names**

Prostate-associated microseminoprotein, PC3-secreted microprotein, MSMP, PSMP

**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.

**MSMP Antibody (Center) Blocking peptide - Protein Information****Name** MSMP**Synonyms** PSMP**Function**

Acts as a ligand for C-C chemokine receptor CCR2 (PubMed:<a href="http://www.uniprot.org/citations/24442440" target="\_blank">24442440</a>). Signals through binding and activation of CCR2 and induces a strong chemotactic response and mobilization of intracellular calcium ions (PubMed:<a href="http://www.uniprot.org/citations/24442440" target="\_blank">24442440</a>). Exhibits a chemotactic activity for monocytes and lymphocytes but not neutrophils (PubMed:<a href="http://www.uniprot.org/citations/24442440" target="\_blank">24442440</a>).

**Cellular Location**

Secreted

**Tissue Location**

Detected in prostate epithelium (at protein level) (PubMed:17338636). Detected in trachea and testis (PubMed:17338636) Highly expressed in benign prostatic hyperplasia and in some prostate cancers, and can also be detected in breast tumor tissue (PubMed:17338636, PubMed:24442440).

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

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

- [Blocking Peptides](#)

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

The function of this protein remains unknown.

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

Valtonen-Andre, C., et al. Biol. Chem. 388(3):289-295(2007)