

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

Specification

MSMP Antibody (Center) Blocking peptide - Product Information

Primary Accession [O1L6U9](#)

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:[24442440](http://www.uniprot.org/citations/24442440)). Signals through binding and activation of CCR2 and induces a strong chemotactic response and mobilization of intracellular calcium ions (PubMed:[24442440](http://www.uniprot.org/citations/24442440)). Exhibits a chemotactic activity for monocytes and lymphocytes but not neutrophils (PubMed:[24442440](http://www.uniprot.org/citations/24442440)).

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)