

**OSM Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14525b****Specification**

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**OSM Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P13725](#)**OSM Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 5008**Other Names**

Oncostatin-M, OSM, OSM

**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.

**OSM Antibody (C-term) Blocking Peptide - Protein Information****Name** OSM**Function**

Growth regulator. Inhibits the proliferation of a number of tumor cell lines. Stimulates proliferation of AIDS-KS cells. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells. Uses both type I OSM receptor (heterodimers composed of LIFR and IL6ST) and type II OSM receptor (heterodimers composed of OSMR and IL6ST). Involved in the maturation of fetal hepatocytes, thereby promoting liver development and regeneration (By similarity).

**Cellular Location**

Secreted.

**OSM Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**OSM Antibody (C-term) Blocking Peptide - Images**

### **OSM Antibody (C-term) Blocking Peptide - Background**

Oncostatin M is a member of a cytokine family that includes leukemia-inhibitory factor, granulocyte colony-stimulating factor, and interleukin 6. This gene encodes a growth regulator which inhibits the proliferation of a number of tumor cell lines. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells.

### **OSM Antibody (C-term) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Thorat Manojkumar, S., et al. Cytokine 50(3):248-252(2010) Pradeep, A.R., et al. Biomarkers 15(3):277-282(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Lee, G., et al. J. Obstet. Gynaecol. Res. 35(5):869-875(2009)