

**IL24 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5896b****Specification**

---

**IL24 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O13007](#)  
Other Accession [NP\\_001172085.1](#), [NP\\_006841.1](#)

**IL24 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 11009

**Other Names**

Interleukin-24, IL-24, Melanoma differentiation-associated gene 7 protein, MDA-7, Suppression of tumorigenicity 16 protein, IL24, MDA7, ST16

**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.

**IL24 Antibody (C-term) Blocking peptide - Protein Information**

**Name** IL24

**Synonyms** MDA7, ST16

**Function**

Multifunctional cytokine mainly produced by T-cells that plays a regulatory role in immune response, tissue homeostasis, host defense, and oncogenesis (PubMed:<a href="http://www.uniprot.org/citations/25168428" target="\_blank">25168428</a>, PubMed:<a href="http://www.uniprot.org/citations/27687232" target="\_blank">27687232</a>). Possesses antiviral functions and induces the type I interferon response during influenza infection (PubMed:<a href="http://www.uniprot.org/citations/27687232" target="\_blank">27687232</a>). Signals through two receptor complexes IL20RA/IL20RB or IL20RB/IL22RA1 (PubMed:<a href="http://www.uniprot.org/citations/11706020" target="\_blank">11706020</a>, PubMed:<a href="http://www.uniprot.org/citations/30111632" target="\_blank">30111632</a>). In turn, stimulates the JAK1-STAT3 and MAPK pathways and promotes the secretion of pro-inflammatory mediators including IL8 and MMP1 (PubMed:<a href="http://www.uniprot.org/citations/25168428" target="\_blank">25168428</a>). Intracellularly, maintains endoplasmic reticulum homeostasis by restricting the eIF2alpha-CHOP pathway-mediated stress signal (By similarity). In addition, acts as a quality control mechanism for the ubiquitin proteasome system by alerting the cell to

proteasome dysfunction through activation of PKR/EIF2AK2 (By similarity).

**Cellular Location**

Secreted.

**Tissue Location**

Up-regulated in melanoma cells induced to terminally differentiate

**IL24 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**IL24 Antibody (C-term) Blocking peptide - Images**