

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:25168428, PubMed:27687232). Possesses antiviral functions and induces the type I interferon response during influenza infection (PubMed:27687232). Signals through two receptor complexes IL20RA/IL20RB or IL20RB/IL22RA1 (PubMed:11706020, PubMed:30111632). In turn, stimulates the JAK1-STAT3 and MAPK pathways and promotes the secretion of pro-inflammatory mediators including IL8 and MMP1 (PubMed:25168428). 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