10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IL34 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP18473a

Specification

IL34 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q6ZMJ4

IL34 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 146433

Other Names
Interleukin-34, IL-34, IL34, C16orf77

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.

IL34 Antibody (N-term) Blocking Peptide - Protein Information

Name IL34

Synonyms C16orf77

Function
Cytokine that promotes the proliferation, survival and differentiation of monocytes and macrophages. Promotes the release of pro-inflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation, and in the regulation of bone resorption. Signaling via CSF1R and its downstream effectors stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1.

Cellular Location
Secreted.

Tissue Location
Detected in the sinusoidal epithelium in the red pulp of spleen (at protein level). Predominantly expressed in spleen Also detected in a range of other tissues including heart, brain, lung, liver, kidney, thymus, testis, ovary, small intestine, prostate and colon.

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IL34 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

IL34 Antibody (N-term) Blocking Peptide - Images

IL34 Antibody (N-term) Blocking Peptide - Background

Interleukin-34 is a cytokine that promotes thedifferentiation and viability of monocytes and macrophages throughthe colony-stimulating factor-1 receptor (CSF1R; MIM 164770) (Linet al., 2008 [PubMed 18467591]).

IL34 Antibody (N-term) Blocking Peptide - References

Wei, S., et al. J. Leukoc. Biol. 88(3):495-505(2010)Lin, H., et al. Science 320(5877):807-811(2008)Lim, J., et al. Cell 125(4):801-814(2006)