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FCRL4 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9847b

Specification

FCRL4 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q96PJ5

FCRL4 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 83417

Other Names
Fc receptor-like protein 4, FcR-like protein 4, FcRL4, Fc receptor homolog 4, FcRH4, IFGP family protein 2, hIFGP2, Immune receptor translocation-associated protein 1, CD307d, FCRL4, FCRH4, IFGP2, IRTA1

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.

FCRL4 Antibody (C-term) Blocking Peptide - Protein Information

Name FCRL4

Synonyms FCRH4, IFGP2, IRTA1

Function
May function as an inhibitor of the B-cell receptor signaling. May function in the B-cell-mediated immune response.

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Specifically expressed by memory and monocytoid B- cells which populate spleen and lymph nodes. Preferentially expressed in memory B-cells associated with mucosal tissue (at protein level)

FCRL4 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

FCRL4 Antibody (C-term) Blocking Peptide - Images

FCRL4 Antibody (C-term) Blocking Peptide - Background

This gene encodes a member of the immunoglobulin receptor superfamily and is one of several Fc receptor-like glycoproteins clustered on the long arm of chromosome 1. The encoded protein has four extracellular C2-type immunoglobulin domains, a transmembrane domain and a cytoplasmic domain that contains three immune-receptor tyrosine-based inhibitory motifs. This protein may play a role in the function of memory B-cells in the epithelia. Aberrations in the chromosomal region encoding this gene are associated with non-Hodgkin lymphoma and multiple myeloma.

FCRL4 Antibody (C-term) Blocking Peptide - References

Davila, S., et al. Genes Immun. (2010) In press :Weiss, G.E., et al. J. Immunol. 183(3):2176-2182(2009)Kazemi, T., et al. Cancer Immunol. Immunother. 58(6):989-996(2009)Falini, B., et al. Blood 102(10):3684-3692(2003)