

**FCRL5 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16338c****Specification**

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**FCRL5 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q96RD9](#)**FCRL5 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 83416**Other Names**

Fc receptor-like protein 5, FcR-like protein 5, FCRL5, BXMAS1, Fc receptor homolog 5, FCRH5, Immune receptor translocation-associated protein 2, CD307e, FCRL5, FCRH5, IRTA2

**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.

**FCRL5 Antibody (Center) Blocking Peptide - Protein Information****Name** FCRL5**Synonyms** FCRH5, IRTA2**Function**

May be involved in B-cell development and differentiation in peripheral lymphoid organs and may be useful markers of B-cell stages. May have an immunoregulatory role in marginal zone B-cells. May play a role in fertilization (By similarity).

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Tissue Location**

Expressed in marginal zone B-cells, immunoblasts, tonsillar germinal center centrocytes and in the intraepithelial and interfollicular regions of the tonsil. Expressed in many lymphoma cell lines and on hairy cell leukemia cells. Isoform 1, isoform 3, isoform 4 and isoform 5 are detected in lymph node, spleen, bone marrow, and small intestine with preponderance of isoform 3. Expressed in mature and memory B-cells and down-regulated in germinal center cells (at protein level).

## **FCRL5 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **FCRL5 Antibody (Center) Blocking Peptide - Images**

## **FCRL5 Antibody (Center) Blocking Peptide - Background**

FCRL5 is a member of the immunoglobulin receptorsuperfamily and the Fc-receptor like family. This gene and several other Fc receptor-like gene members are clustered on the long arm of chromosome 1. The encoded protein is a single-pass type I membrane protein and contains 8 immunoglobulin-like C2-type domains. This gene is implicated in B cell development and lymphomagenesis. Alternatively spliced transcript variants encoding different isoforms have been identified.

## **FCRL5 Antibody (Center) Blocking Peptide - References**

Lee, J.E., et al. Cell Prolif. 43(4):378-384(2010) Simmonds, M.J., et al. Clin. Endocrinol. (Oxf) (2010) In press : Davila, S., et al. Genes Immun. 11(3):232-238(2010) Tang, X., et al. Tissue Antigens 74(4):314-316(2009) Kazemi, T., et al. Cancer Immunol. Immunother. 58(6):989-996(2009)