

**LILRB5 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13031c****Specification**

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**LILRB5 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [O75023](#)

**LILRB5 Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 10990

**Other Names**

Leukocyte immunoglobulin-like receptor subfamily B member 5, CD85 antigen-like family member C, Leukocyte immunoglobulin-like receptor 8, LIR-8, CD85c, LILRB5, LIR8

**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.

**LILRB5 Antibody (Center) Blocking peptide - Protein Information**

**Name** LILRB5

**Synonyms** LIR8

**Function**

May act as receptor for class I MHC antigens.

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

Detected in a natural killer (NK) cells.

**LILRB5 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**LILRB5 Antibody (Center) Blocking peptide - Images****LILRB5 Antibody (Center) Blocking peptide - Background**

This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). Several other LIR subfamily B receptors are expressed on immune cells where they bind to MHC class I molecules on antigen-presenting cells and inhibit stimulation of an immune response. Multiple transcript variants encoding different isoforms have been found for this gene.

**LILRB5 Antibody (Center) Blocking peptide - References**

Davila, S., et al. Genes Immun. 11(3):232-238(2010) Tedla, N., et al. J. Leukoc. Biol. 83(2):334-343(2008) Liu, T., et al. J. Proteome Res. 4(6):2070-2080(2005) Borges, L., et al. J. Immunol. 159(11):5192-5196(1997)