

LILRA5 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11643a**Specification**

LILRA5 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [A6NI73](#)**LILRA5 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 353514**Other Names**

Leukocyte immunoglobulin-like receptor subfamily A member 5, CD85 antigen-like family member F, Immunoglobulin-like transcript 11, ILT-11, Leukocyte immunoglobulin-like receptor 9, LIR-9, CD85f, LILRA5, ILT11, LILRB7, LIR9

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.

LILRA5 Antibody (N-term) Blocking peptide - Protein Information**Name** LILRA5**Synonyms** ILT11, LILRB7, LIR9**Function**

May play a role in triggering innate immune responses. Does not seem to play a role for any class I MHC antigen recognition.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Expressed mostly in tissues of the hematopoietic system, including bone marrow, spleen, lymph node and peripheral leukocytes. Among leukocytes, monocytes and neutrophils express the highest level. Expressed in CD14+ monocytes, but not in T-cells, B- cells or natural killer (NK) cells (at protein level)

LILRA5 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

LILRA5 Antibody (N-term) Blocking peptide - Images

LILRA5 Antibody (N-term) Blocking peptide - Background

The protein encoded by this gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LIR family members are known to have activating and inhibitory functions in leukocytes. Crosslink of this receptor protein on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses. This gene is one of the leukocyte receptor genes that form a gene cluster on the chromosomal region 19q13.4. Four alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq].

LILRA5 Antibody (N-term) Blocking peptide - References

Mosbrugger, T.L., et al. J. Infect. Dis. 201(9):1371-1380(2010) Jones, D.C., et al. Eur. J. Immunol. 39(11):3195-3206(2009) Shiroishi, M., et al. J. Biol. Chem. 281(28):19536-19544(2006) Borges, L., et al. Blood 101(4):1484-1486(2003) Wende, H., et al. Immunogenetics 51 (8-9), 703-713 (2000) :