

LIF Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6981c**Specification**

LIF Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P15018](#)**LIF Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 3976**Other Names**

Leukemia inhibitory factor, LIF, Differentiation-stimulating factor, D factor, Melanoma-derived LPL inhibitor, MLPLI, Emfilermin, LIF, HILDA

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6981c](/products/AP6981c) was selected from the Center region of human LIF. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

LIF Antibody (Center) Blocking Peptide - Protein Information**Name** LIF**Synonyms** HILDA**Function**

LIF has the capacity to induce terminal differentiation in leukemic cells. Its activities include the induction of hematopoietic differentiation in normal and myeloid leukemia cells, the induction of neuronal cell differentiation, and the stimulation of acute-phase protein synthesis in hepatocytes.

Cellular Location

Secreted.

LIF Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

LIF Antibody (Center) Blocking Peptide - Images

LIF Antibody (Center) Blocking Peptide - Background

LIF is a pleiotropic cytokine with roles in several different systems. It is involved in the induction of hematopoietic differentiation in normal and myeloid leukemia cells, induction of neuronal cell differentiation, regulator of mesenchymal to epithelial conversion during kidney development, and may also have a role in immune tolerance at the maternal-fetal interface.

LIF Antibody (Center) Blocking Peptide - References

Novotny,Z., et.al., Folia Biol. (Praha) 55 (3), 92-97 (2009)