

**LIF Antibody (Internal)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS14801****Specification**

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**LIF Antibody (Internal) - Product Information**

Application	IF, WB, IHC
Primary Accession	<a href="#">P15018</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22kDa KDa

**LIF Antibody (Internal) - 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**

Human LIF.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

**Precautions**

LIF Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**LIF Antibody (Internal) - 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.

**Volume**

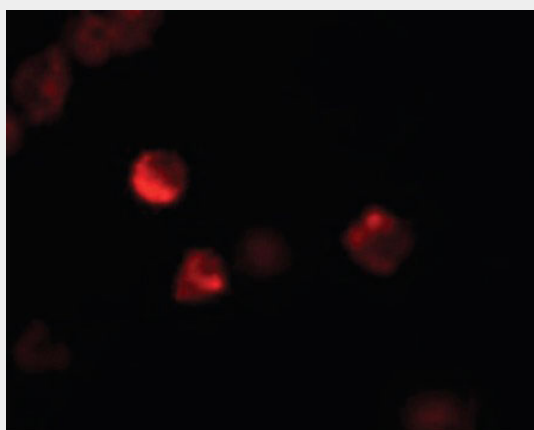
50 µl

## LIF Antibody (Internal) - Protocols

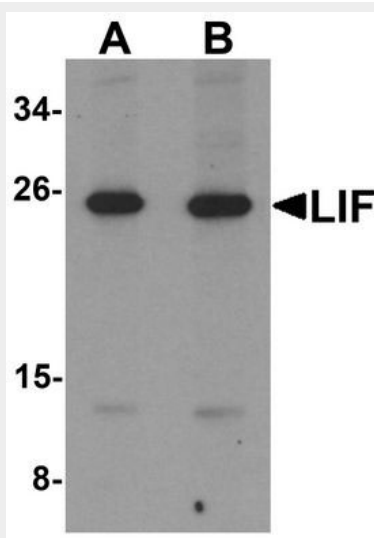
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

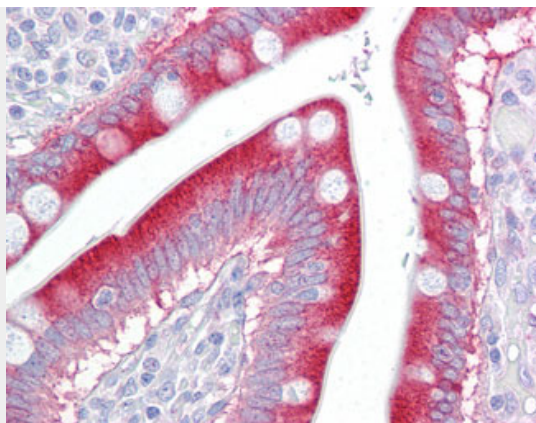
## LIF Antibody (Internal) - Images



Immunofluorescence of LIF in 3T3 cells with LIF antibody at 20 ug/ml.



Western blot analysis of LIF in 3T3 cell lysate with LIF antibody at (A) 1 and (B) 2 ug/ml.



Anti-LIF antibody IHC of human small intestine.

#### **LIF Antibody (Internal) - Background**

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#### **LIF Antibody (Internal) - References**

- Moreau J.-F., et al. *Nature* 336:690-692(1988).  
Lowe D.G., et al. *DNA* 8:351-359(1989).  
Brandenberger R., et al. *Nat. Biotechnol.* 22:707-716(2004).  
Stahl J., et al. *J. Biol. Chem.* 265:8833-8841(1990).  
Ota T., et al. *Nat. Genet.* 36:40-45(2004).