10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

LIF Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS14801

Specification

LIF Antibody (Internal) - Product Information

Application	**IF, WB, IHC**
Primary Accession	P15018
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

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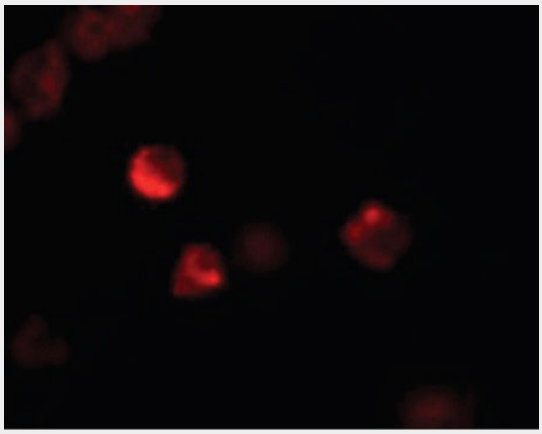
LIF Antibody (Internal) - Protocols

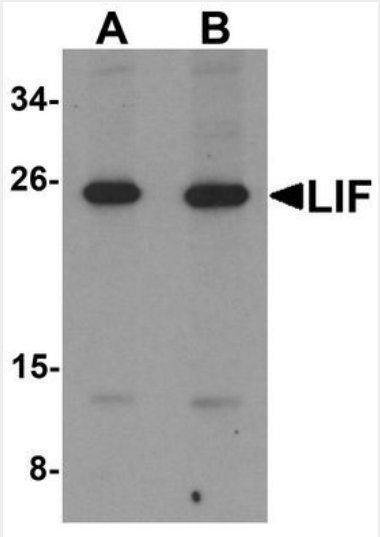
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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.

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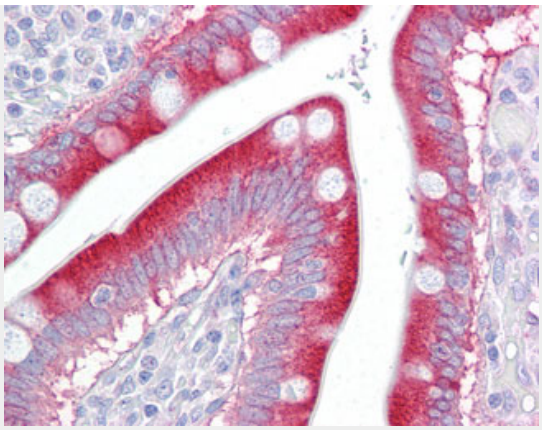

Anti-LIF antibody IHC of human small intestine.

LIF Antibody (Internal) - Background

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.

LIF Antibody (Internal) - References

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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).
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