



11 Park Drive, Suite 12
Boston, MA 02215

Rabbit Anti-Human LIF

ORDERING INFORMATION

Catalog Number:	102-PA05
Size:	100 µg
Formulation:	Polyclonal Antibody ; Lyophilized
Synonyms:	LIF; CDF; DIA; HILDA; MLPLI
Antigen:	Recombinant human LIF (RT #200-008)
Application:	WB
NCBI Gene ID:	3976
Buffer:	PBS pH 7.4 w/o preservative

Description:

Leukemia Inhibitory Factor also called LIF is a lymphoid factor that promotes long-term maintenance of embryonic stem cells by suppressing spontaneous differentiation. Leukemia Inhibitory Factor has several functions such as cholinergic neuron differentiation, control of stem cell pluripotency, bone & fat metabolism, mitogenesis of factor dependent cell lines & promotion of megakaryocyte production in vivo. Human and mouse LIF exhibit a 78% identity in its amino acid sequence. Human LIF is as active on human cells as it is on mouse cells, though mouse LIF is about 1000 fold less active on human cells, than human LIF.

Reconstitution:

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Stability:

The lyophilized antibody is stable at room temperature for up to 1 month. The reconstituted antibody is stable for at least two weeks at 2-8 °C. Frozen aliquots are stable for at least 6 months when stored at -20 °C. **Avoid repeated freeze-thaw cycles!**

Optimal dilutions should be determined by each laboratory for each application.

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

This product is sold for Research Use Only !