

For Research Use Only

Anti-Human LIF Rabbit Recombinant Antibody

Catalog Number: 98803-1-RR



Basic Information

Catalog Number:

98803-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

HZ-1292

GenBank Accession Number:

GeneID (NCBI):

3976

UNIPROT ID:

P15018

Full Name:

leukemia inhibitory factor
(cholinergic differentiation factor)

Purification Method:

Protein A purification

CloneNo.:

252445F9

Recommended Dilutions:

FC (Intra): 0.25 ug per 10⁶ cells in a
100 µl suspension

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Positive Controls:

FC (Intra): anti-CD3/CD28, IL-2, and IL-4 treated
human PBMCs,

Background Information

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 is a glycoprotein with variable molecular weight (38-67 kDa) due to differential glycosylation. (PMID: 8262236, PMID: 35204717)

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:

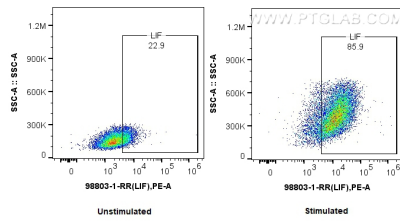
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ unstimulated or anti-CD3/CD28, IL-2, and IL-4 treated human PBMCs were intracellularly stained with 0.25 ug Anti-Human LIF Rabbit RecAb (98803-1-RR, Clone: 252445F9) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).