

For Research Use Only

Anti-Human LIFR Rabbit Recombinant Antibody

Catalog Number: 98432-2-RR



Basic Information

Catalog Number:

98432-2-RR

Size:

100ug , 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2599

GenBank Accession Number:

NM_001127671.1

GeneID (NCBI):

3977

UNIPROT ID:

P42702-1

Full Name:

leukemia inhibitory factor receptor

alpha

Calculated MW:

124 kDa

Purification Method:

Protein A purification

CloneNo.:

250110B3

Recommended Dilutions:

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

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : JAR cells,

Background Information

LIFR, also known as CD118, is a subunit of a receptor for leukemia inhibitory factor (LIF). LIF is a pleiotropic cytokine of the interleukin-6 family that affects the differentiation, survival, and proliferation of a wide variety of cells in the adult and the embryo. LIFR is the low-affinity binding chain that, together with the high-affinity converter subunit gp130, forms a high-affinity receptor complex that mediates the action of LIF. The high-affinity complex also binds a related cytokine, oncostatin M (PMID: 8999038). LIFR has also been identified as a breast cancer metastasis suppressor that functions through the HIPPO-YAP pathway (PMID: 23001183).

Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

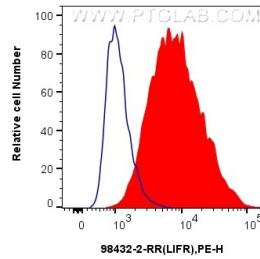
For technical support and original validation data for this product please contact:

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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



1×10^6 JAR cells were surface stained with 0.25 μ g Anti-Human LIFR Rabbit RecAb (98432-2-RR, Clone: 250110B3) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.