

For Research Use Only

LIF Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84232-2-PBS



Basic Information

Catalog Number:

84232-2-PBS

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0111

GenBank Accession Number:

BC093733

GeneID (NCBI):

3976

UNIPROT ID:

P15018

Full Name:

leukemia inhibitory factor
(cholinergic differentiation factor)

Calculated MW:

202 aa, 22 kDa

Purification Method:

Protein A purification

CloneNo.:

241519A6

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA,
Sample test

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

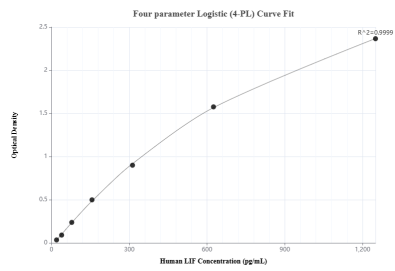
T: 4006900926

E: Proteintech-CN@ptglab.com

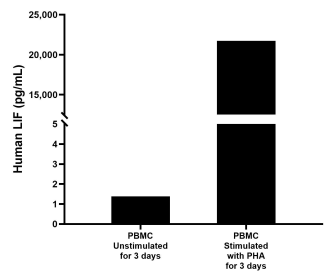
W: ptgcn.com

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

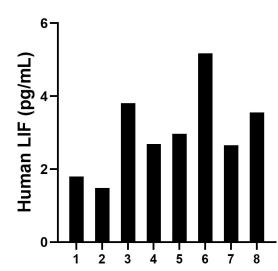
Selected Validation Data



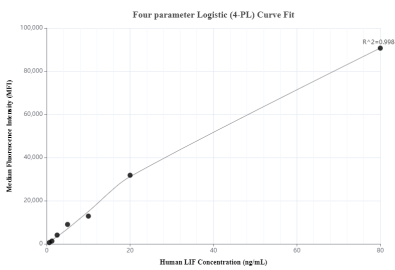
Sandwich ELISA standard curve of MP01130-4, Human LIF Recombinant Matched Antibody Pair - PBS only. 84232-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0111. 84232-5-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



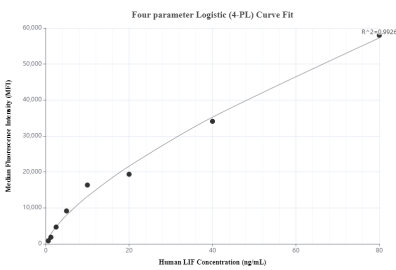
Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 4 days. The mean LIF concentration was determined to be 1.4 pg/mL in unstimulated PBMC supernatant, 2,172.1 pg/mL in PHA stimulated PBMC supernatant.



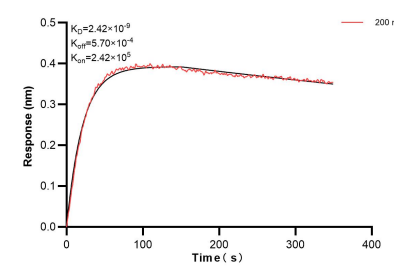
Serum of eight individual healthy human donors was measured. The LIF concentration of detected samples was determined to be 3.0 pg/mL with a range of 1.5-5.2 pg/mL.



Cytometric bead array standard curve of MP01130-1, LIF Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84232-3-PBS. Detection antibody: 84232-2-PBS. Standard: Eg0111. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP01130-2, LIF Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84232-4-PBS. Detection antibody: 84232-2-PBS. Standard: Eg0111. Range: 0.625-80 ng/mL



Bilayer interferometry (BLI) kinetic assay of 84232-2-PBS against Human LIF was performed. The affinity constant is 2.42 nM.