

For Research Use Only

LIF Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01130-4

Capture Antibody Information

Catalog Number:
84232-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241519A6
Reactivity:
human

Conjugate:
Unconjugated
Full name:
leukemia inhibitory factor
(cholinergic differentiation factor)
Gene ID:
3976

Detection Antibody Information

Catalog Number:
84232-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241519B8
Reactivity:
human
GenBank:
BC093733

Conjugate:
Unconjugated
Full name:
leukemia inhibitory factor
(cholinergic differentiation factor)
Gene ID:
3976

Applications

Tested Applications:
Sandwich ELISA

Range:
19.5-1250 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP01130-4 targets LIF in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: LIF Recombinant antibody, PBS Only (Capture/Detector) 84232-2-PBS (241519A6). 100 µg. Concentration 1 mg/mL.

Detection antibody: LIF Recombinant antibody, PBS Only (Detector) 84232-5-PBS (241519B8). 100 µg. Concentration 1 mg/mL.

Alternative LIF matched antibody pairs: MP01130-1, MP01130-2, MP01130-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

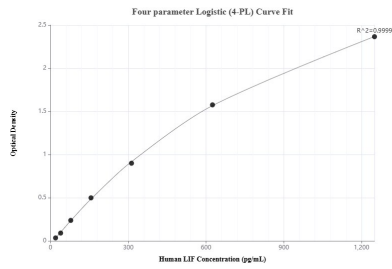
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

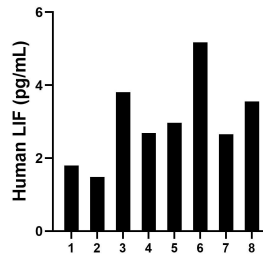
E: proteintech@ptglab.com
W: ptglab.com

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

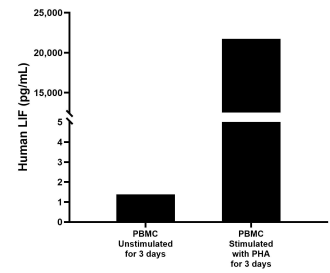
Selected Validation Data



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



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.



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.