

TNF beta Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00562-1**

Capture Antibody Information

Catalog Number:
83573-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240393C3
Reactivity:
human

Conjugate:
Unconjugated
Full name:
lymphotoxin alpha (TNF superfamily, member 1)
Gene ID:
4049

Detection Antibody Information

Catalog Number:
83573-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240393D4
Reactivity:
human
GenBank:
BC034729

Conjugate:
Unconjugated
Full name:
lymphotoxin alpha (TNF superfamily, member 1)
Gene ID:
4049

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.313-40 ng/mL (Cytometric Bead Array)
10.9-700 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

MP00562-1 targets TNF beta in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: TNF beta Recombinant antibody, PBS Only (Capture) 83573-3-PBS (240393C3). 100 µg. Concentration 1 mg/mL.

Detection antibody: TNF beta Recombinant antibody, PBS Only (Detector) 83573-2-PBS (240393D4). 100 µg. Concentration 1 mg/mL.

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

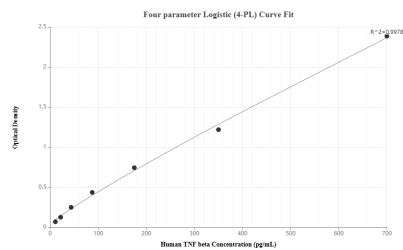
For technical support and original validation data for this product please contact:

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

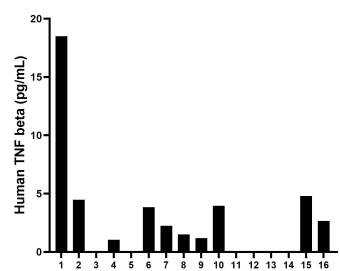
E: proteintech@ptglab.com
W: ptglab.com

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

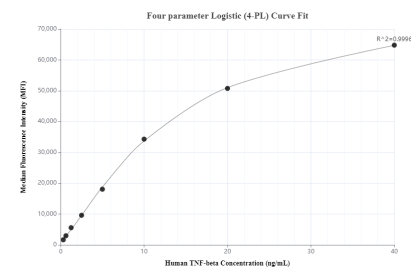
Selected Validation Data



Sandwich ELISA standard curve of MP00562-1, Human TNF beta Recombinant Matched Antibody Pair - PBS only. 83573-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0836. 83573-2-PBS was HRP conjugated as the detection antibody. Range: 10.9-700 pg/mL



Serum of sixteen individual healthy human donors was measured. The human TNF beta concentration of detected samples was determined to be 4 pg/mL with a range of 0.1 - 18.5 pg/mL.



Cytometric bead array standard curve of MP00562-1, TNF beta Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83573-3-PBS. Detection antibody: 83573-2-PBS. Standard: Eg0836. Range: 0.313-40 ng/mL