

For Research Use Only

TNF-alpha Recombinant antibody, PBS Only (Detector)

Catalog Number: 83721-6-PBS



Basic Information

Catalog Number:

83721-6-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000594.4

GeneID (NCBI):

7124

ENSEMBL Gene ID:

ENSG00000232810

UNIPROT ID:

P01375

Full Name:

tumor necrosis factor (TNF superfamily, member 2)

Calculated MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

240668A4

Applications

Tested Applications:

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

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

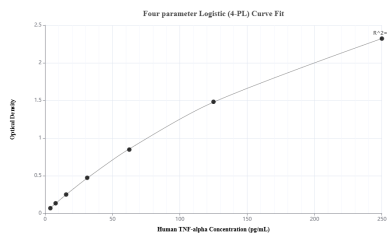
T: 4006900926

E: Proteintech-CN@ptglab.com

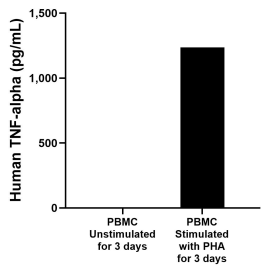
W: ptgcn.com

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

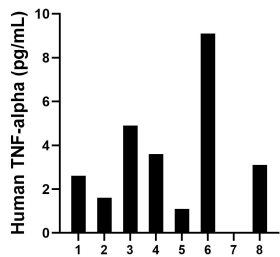
Selected Validation Data



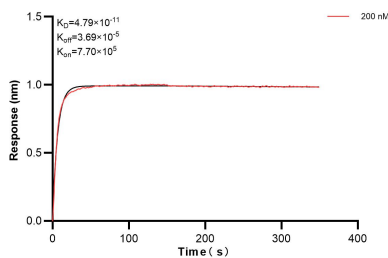
Sandwich ELISA standard curve of MP00702-4, TNF-alpha Recombinant Matched Antibody Pair - PBS only. 83721-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ego816. 83721-6-PBS was HRP conjugated as the detection antibody. Range: 3.9-250 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 3 days. The mean TNF-alpha concentration was determined to be 1.3 pg/mL in unstimulated PBMC supernatant, 1236.3 pg/mL in PHA stimulated PBMC supernatant.



Serum of seven individual healthy human donors was measured. The human TNF-alpha concentration of detected samples was determined to be 3.25 pg/mL with a range of ND-9.1 pg/mL.



Bi-layer interferometry (BLI) kinetic assay of 83721-6-PBS against Human TNF-alpha was performed. The affinity constant is 47.9 pM.