TNF-alpha Recombinant antibody, PBS Only (Detector)

Catalog Number:83721-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
83721-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

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.:
240668H1

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83721-2-PBS targets TNF-alpha as part of a matched antibody pair:

MP00702-1: 83721-3-PBS capture and 83721-2-PBS detection (validated in Cytometric bead array)

MP00702-3: 83721-1-PBS capture and 83721-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
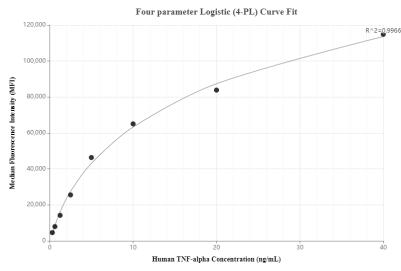Store at -80°C.
Storage Buffer:
PBS Only

Selected Validation Data

Four parameter Logistic (4-PL) Curve Fit

R^2=0.9966

Median Fluorescence Intensity (MFI)

Human TNF-alpha Concentration (ng/mL)

Cytometric bead array standard curve of MP00702-1, TNF-alpha Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83721-3-PBS. Detection antibody: 83721-2-PBS. Standard: Eg0816. Range: 0.313-40 ng/mL.

Four parameter Logistic (4-PL) Curve Fit

R^2=0.9977

Median Fluorescence Intensity (MFI)

Human TNF-alpha Concentration (ng/mL)
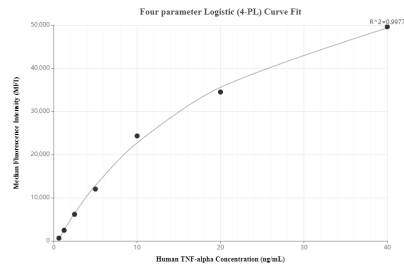
Cytometric bead array standard curve of MP00702-3, TNF-alpha Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83721-1-PBS. Detection antibody: 83721-2-PBS. Standard: Eg0816. Range: 0.628-40 ng/mL.