

TNFR1/CD120a Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00099-3**

Capture Antibody Information

Catalog Number:
84243-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241337C1
Reactivity:
human
GenBank:
BC010140

Conjugate:
Unconjugated
Full name:
tumor necrosis factor receptor superfamily, member 1A
Gene ID:
7132

Detection Antibody Information

Catalog Number:
84243-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241336H2
Reactivity:
human
GenBank:
BC010140

Conjugate:
Unconjugated
Full name:
tumor necrosis factor receptor superfamily, member 1A
Gene ID:
7132

Applications

Tested Applications:
Sandwich ELISA

Range:
39.1-2500 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

MP00099-3 targets TNFR1/CD120a in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TNFR1/CD120a Recombinant antibody, PBS Only (Capture) 84243-6-PBS (241337C1). 100 µg. Concentration 1 mg/mL.

Detection antibody: TNFR1/CD120a Recombinant antibody, PBS Only (Detector) 84243-4-PBS (241336H2). 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.

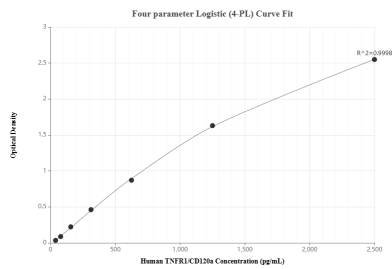
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

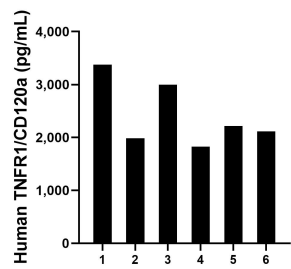
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

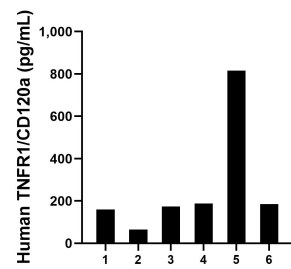
Selected Validation Data



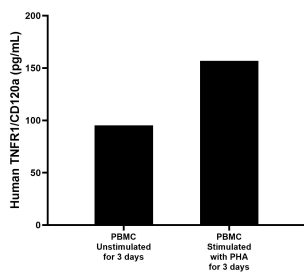
Sandwich ELISA standard curve of MP00099-3, Human TNFR1/CD120a Recombinant Matched Antibody Pair - PBS only. 84243-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP02331. 84243-4-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Serum of six individual healthy human donors was measured. The human TNFR1/CD120a concentration of detected samples was determined to be 2,420.0 pg/mL with a range of 1,829.1 - 3,374.3 pg/mL



Urine of six individual healthy human donors was measured. The human TNFR1/CD120a concentration of detected samples was determined to be 264.6 pg/mL with a range of 64.6 - 815.7 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 3 days. The mean TNFR1/CD120a concentration was determined to be 95.3 pg/mL in unstimulated PBMC supernatant, 156.9 pg/mL in PHA stimulated PBMC supernatant.