

For Research Use Only

# 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 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.

Alternative TNFR1/CD120a matched antibody pairs: MP00099-1, MP50042-1

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

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

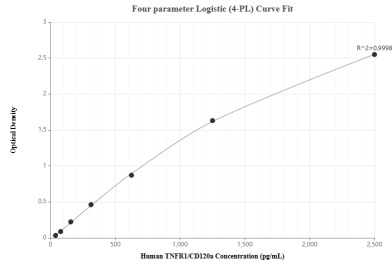
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

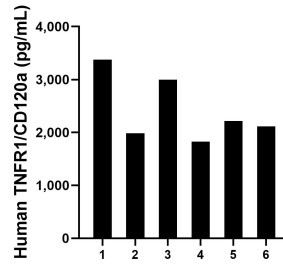
W: [ptgcn.com](http://ptgcn.com)

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

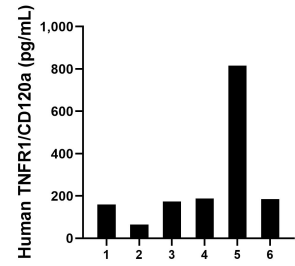
## Selected Validation Data



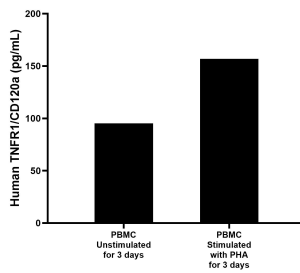
Sandwich ELISA standard curve of MP00099-3, Human TNFR1/CD120a Recombinant Matched Antibody Pair - PBS only. 84243-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RPO2331. 84243-4-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



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  $\mu$ 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.