For Research Use Only

TNFR1/CD120a Monoclonal antibody, PBS Only (Detector)

Catalog Number:68685-2-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
68685-2-PBS

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

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
EG0531

GenBank Accession Number:
BC010140

GeneID (NCBI):
7132

UNIPROT ID:
P19438

Full Name:
tumor necrosis factor receptor superfamily, member 1A

Calculated MW:
455 aa, 50 kDa

Purification Method:
Protein A purification

CloneNo.:
1D12C3

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

68685-2-PBS targets TNFR1/CD120a as part of a matched antibody pair:

MP50042-1: 68685-1-PBS capture and 68685-2-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

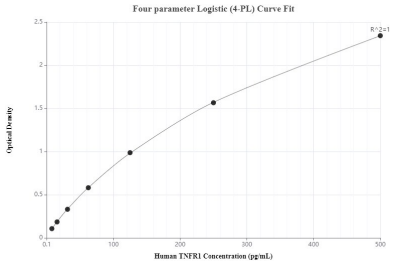
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

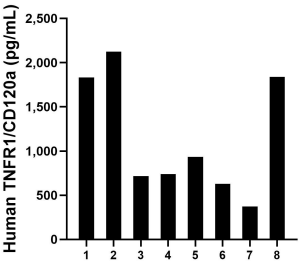
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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

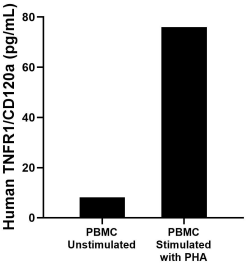
Selected Validation Data



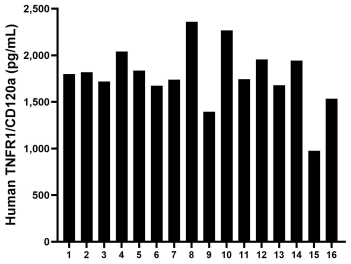
Sandwich ELISA standard curve of MP50042-1, TNFR1/CD120a Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68685-1-PBS. Detection antibody: 68685-2-PBS. Standard: Eg0531. Range: 7.8-500 pg/mL.



Urine of eight individual healthy human donors was measured. The TNFR1/CD120a concentration of detected samples was determined to be 1,147.7 pg/mL with a range of 373.1-2,123.2 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. The mean TNFR1/CD120a concentration was determined to be 8.1 pg/mL in unstimulated PBMC supernatant, 76.0 pg/mL in PHA stimulated PBMC supernatant.



Serum of sixteen individual healthy human donors was measured. The TNFR1/CD120a concentration of detected samples was determined to be 1,779.9 pg/mL with a range of 976.2-2,358.9 pg/mL.