

TGN46 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00152-1

Capture Antibody Information

Catalog Number: 83099-3-PBS	Clone ID: 230376D7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: trans-golgi network protein 2
Isotype: IgG	GenBank: BC028219	Gene ID: 10618
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4470	Affinity: $K_D = 9.64 \times 10^{-11}$ $K_{Off} = 4.22 \times 10^{-5}$ $K_{On} = 4.37 \times 10^5$

Detection Antibody Information

Catalog Number: 83099-6-PBS	Clone ID: 230376G7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: trans-golgi network protein 2
Isotype: IgG	GenBank: BC028219	Gene ID: 10618
Purification Method: Protein A purification	Immunogen Catalog Number: Ag4470	Affinity: $K_D = 1.23 \times 10^{-9}$ $K_{Off} = 2.63 \times 10^{-4}$ $K_{On} = 2.13 \times 10^5$

Applications

Tested Applications: Cytometric bead array	Range: 0.625-20 ng/mL (Cytometric Bead Array)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP00152-1 targets TGN46 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: TGN46 Recombinant antibody, PBS Only (Capture/Detector) 83099-3-PBS (230376D7). 100 µg. Concentration 1 mg/mL.

Detection antibody: TGN46 Recombinant antibody, PBS Only (Detector) 83099-6-PBS (230376G7). 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.

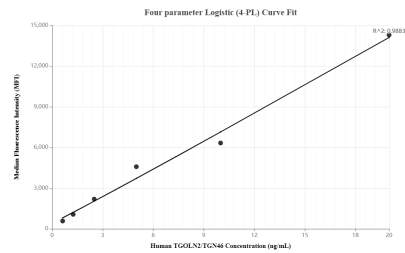
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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



Cytometric bead array standard curve of MP00152-1, TGN46 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83099-3-PBS. Detection antibody: 83099-6-PBS. Standard: Ag4470. Range: 0.625-20 ng/mL