

# TGN46 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00152-2**

## Capture Antibody Information

<b>Catalog Number:</b> 83099-5-PBS	<b>Clone ID:</b> 230376F9	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Rabbit	<b>Reactivity:</b> human	<b>Full name:</b> trans-golgi network protein 2
<b>Isotype:</b> IgG	<b>GenBank:</b> BC028219	<b>Gene ID:</b> 10618
<b>Purification Method:</b> Protein A purification	<b>Immunogen Catalog Number:</b> Ag4470	<b>Affinity:</b> $K_D = 1.11 \times 10^{-9}$ $K_{Off} = 2.89 \times 10^{-4}$ $K_{On} = 2.59 \times 10^5$

## Detection Antibody Information

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

## Applications

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

MP00152-2 targets TGN46 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: TGN46 Recombinant antibody, PBS Only (Capture) 83099-5-PBS (230376F9). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: TGN46 Recombinant antibody, PBS Only (Capture/Detector) 83099-3-PBS (230376D7). 100  $\mu$ g. 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.

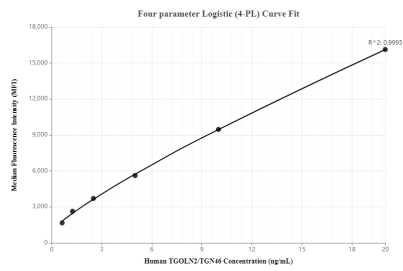
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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 MP00152-2, TGN46 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83099-5-PBS. Detection antibody: 83099-3-PBS. Standard: Ag4470. Range: 0.625-20 ng/mL