

# TGOLN2,TGN46 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00152-2

## Capture Antibody Information

**Catalog Number:**  
83099-5-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230376F9

**Reactivity:**  
Human

**Immunogen Catalog Number:**  
Ag4470

**Conjugate:**  
Unconjugated

**Full name:**  
trans-golgi network protein 2

**Gene ID:**  
10618

**Affinity:**  
K<sub>D</sub> = 1.11 × 10<sup>-9</sup>M  
K<sub>Off</sub> = 2.89 × 10<sup>-4</sup>M  
K<sub>On</sub> = 2.59 × 10<sup>5</sup>M

## Detection Antibody Information

**Catalog Number:**  
83099-3-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230376D7

**Reactivity:**  
Human

**GenBank:**  
BC028219

**Immunogen Catalog Number:**  
Ag4470

**Conjugate:**  
Unconjugated

**Full name:**  
trans-golgi network protein 2

**Gene ID:**  
10618

**Affinity:**  
K<sub>D</sub> = 9.64 × 10<sup>-11</sup>M  
K<sub>Off</sub> = 4.22 × 10<sup>-5</sup>M  
K<sub>On</sub> = 4.37 × 10<sup>5</sup>M

## 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.

## Product Information

MP00152-2 targets TGOLN2,TGN46 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: TGOLN2,TGN46 Recombinant antibody, PBS Only (Capture) 83099-5-PBS (230376F9). 100 µg. Concentration 1 mg/ml.

Detection antibody: TGOLN2,TGN46 Recombinant antibody, PBS Only (Capture/Detector) 83099-3-PBS (230376D7). 100 µg. Concentration 1 mg/ml.

Alternative TGOLN2,TGN46 matched antibody pairs: MP00152-1, MP00152-3

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.

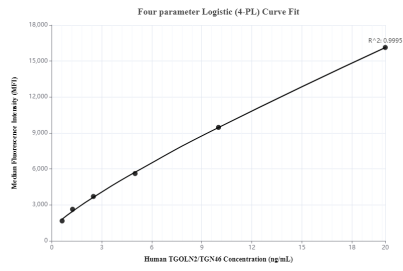
Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

**Storage buffer:**  
PBS only

## Selected Validation Data



Cytometric bead array standard curve of MP00152-2, TGOLN2,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