

# TGOLN2,TGN46 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00152-1

## Capture 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:**  
 $K_D = 9.64 \times 10^{-11}$   
 $K_{Off} = 4.22 \times 10^{-5}$   
 $K_{On} = 4.37 \times 10^5$

## Detection Antibody Information

**Catalog Number:**  
83099-6-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230376G7

**Reactivity:**  
Human

**GenBank:**  
BC028219

**Immunogen Catalog Number:**  
Ag4470

**Conjugate:**  
Unconjugated

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

**Gene ID:**  
10618

**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.

## Product Information

MP00152-1 targets TGOLN2,TGN46 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: TGOLN2,TGN46 Recombinant antibody, PBS Only (Capture/Detector) 83099-3-PBS (230376D7). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: TGOLN2,TGN46 Recombinant antibody, PBS Only (Detector) 83099-6-PBS (230376G7). 100  $\mu$ g. Concentration 1 mg/mL.

Alternative TGOLN2,TGN46 matched antibody pairs: MP00152-2, 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.

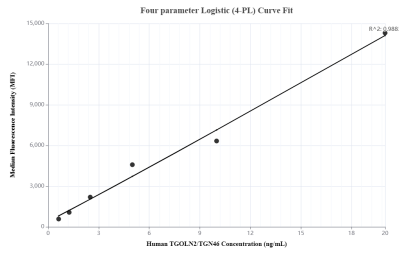
Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

**Storage buffer:**  
PBS only

## Selected Validation Data



Cytometric bead array standard curve of MP00152-1, TGOLN2, 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.