

# 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:**  
 $K_D = 1.11 \times 10^{-9}M$   
 $K_{Off} = 2.89 \times 10^{-4}M$   
 $K_{On} = 2.59 \times 10^5M$

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

## 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 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 µg. Concentration 1 mg/mL.

Detection antibody: TGN46 Recombinant antibody, PBS Only (Capture/Detector) 83099-3-PBS (230376D7). 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.  
**Storage buffer:**  
PBS only

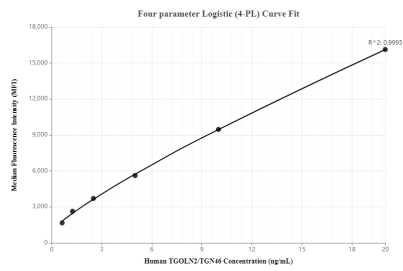
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

# 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