

For Research Use Only

# 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

Immunogen Catalog Number:

Ag4470

Conjugate:

Unconjugated

Full name:

trans-golgi network protein 2

Gene ID:

10618

Affinity:

$K_D = 9.64 \times 10^{-11}M$

$K_{Off} = 4.22 \times 10^{-5}M$

$K_{On} = 4.37 \times 10^5M$

## 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:

$K_D = 1.23 \times 10^{-9}M$

$K_{Off} = 2.63 \times 10^{-4}M$

$K_{On} = 2.13 \times 10^5M$

## 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

MP00152-1 targets 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 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.

Storage buffer:

PBS only

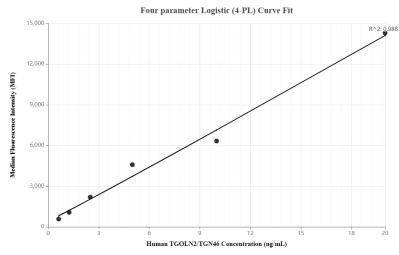
For technical support and original validation data for this product please contact:

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 MP00152-1, 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.