

For Research Use Only

# TGN46 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83099-5-PBS



## Basic Information

<b>Catalog Number:</b> 83099-5-PBS	<b>GenBank Accession Number:</b> BC028219	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10618	<b>CloneNo.:</b> 230376F9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O43493	<b>Affinity:</b> $K_D = 1.11 \times 10^{-9}M$
<b>Isotype:</b> IgG	<b>Full Name:</b> trans-golgi network protein 2	$K_{off} = 2.89 \times 10^{-4}M$
<b>Immunogen Catalog Number:</b> AG4470	<b>Calculated MW:</b> 447 aa, 47 kDa	$K_{on} = 2.59 \times 10^5M$

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Product Information

83099-5-PBS targets TGN46 as part of a matched antibody pair:

MP00152-2: 83099-5-PBS capture and 83099-3-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

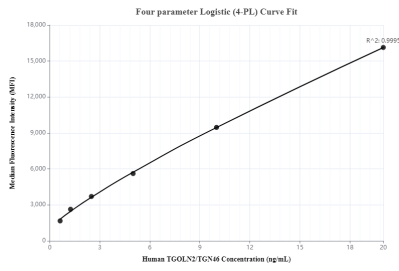
For technical support and original validation data for this product please contact:

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## 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