

For Research Use Only

TGOLN2,TGN46 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number:83099-3-PBS



Basic Information

Catalog Number: 83099-3-PBS	GenBank Accession Number: BC028219	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 10618	CloneNo.: 230376D7
Source: Rabbit	UNIPROT ID: O43493	Affinity: $K_D = 9.64 \times 10^{-11}M$
Isotype: IgG	Full Name: trans-golgi network protein 2	$K_{off} = 4.22 \times 10^{-5}M$
Immunogen Catalog Number: AG4470	Calculated MW: 447 aa, 47 kDa	$K_{on} = 4.37 \times 10^5M$

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83099-3-PBS targets TGOLN2,TGN46 as part of a matched antibody pair:

MP00152-1: 83099-3-PBS capture and 83099-6-PBS detection (validated in Cytometric bead array)

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

MP00152-3: 83099-4-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

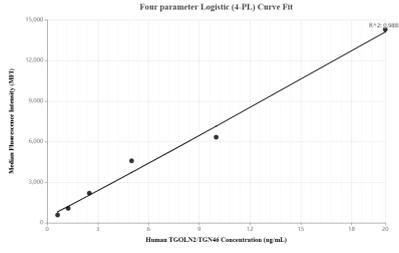
For technical support and original validation data for this product please contact:

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

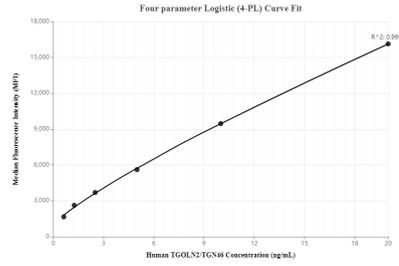
E: proteintech@ptglab.com
W: ptglab.com

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

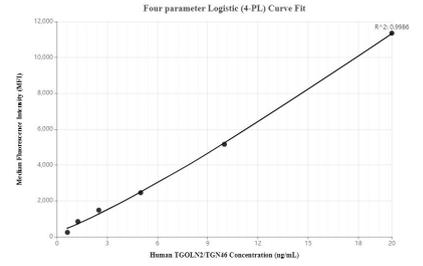
Selected Validation Data



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



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



Cytometric bead array standard curve of MP00152-3, TGN46 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83099-4-PBS. Detection antibody: 83099-3-PBS. Standard: Ag4470. Range: 0.625-20 ng/mL