

For Research Use Only

TIGIT Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83545-4-PBS



Basic Information

Catalog Number: 83545-4-PBS	GenBank Accession Number: NM_173799.4	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 201633	CloneNo.: 240423H2
Source: Rabbit	UNIPROT ID: Q495A1-1	
Isotype: IgG	Full Name: T cell immunoreceptor with Ig and ITIM domains	
	Calculated MW: 26 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA,
Sample test

Species Specificity:
human

Product Information

83545-4-PBS targets TIGIT as part of a matched antibody pair:

MP00528-1: 83545-4-PBS capture and 83545-2-PBS detection (validated in Cytometric bead array)

MP00528-2: 83545-1-PBS capture and 83545-4-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

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

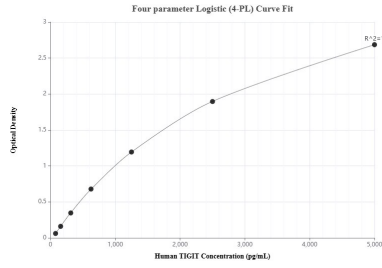
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

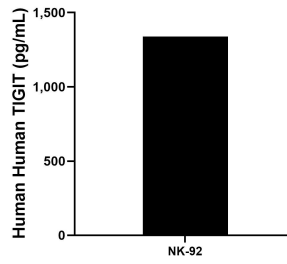
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

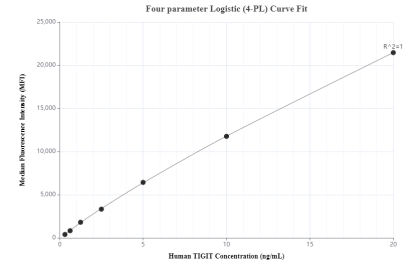
Selected Validation Data



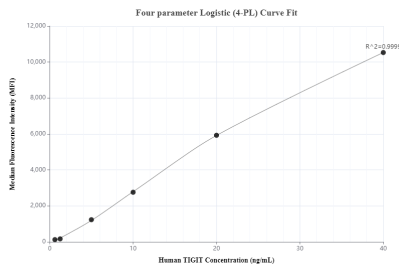
Sandwich ELISA standard curve of MP00528-2, Human TIGIT Recombinant Matched Antibody Pair - PBS only. 83545-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0749. 83545-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean TIGIT concentration was determined to be 1,338.3 pg/mL in NK-92 cell extract based on a 2.0 mg/mL extract load.



Cytometric bead array standard curve of MP00528-1, TIGIT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83545-4-PBS. Detection antibody: 83545-2-PBS. Standard: Eg0749. Range: 0.156-20 ng/mL



Cytometric bead array standard curve of MP00528-2, TIGIT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83545-1-PBS. Detection antibody: 83545-4-PBS. Standard: Eg0749. Range: 0.625-40 ng/mL