

For Research Use Only

TCIRG1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83351-3-PBS



Basic Information

Catalog Number: 83351-3-PBS	GenBank Accession Number: BC018133	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10312	CloneNo.: 240166E11
Source: Rabbit	UNIPROT ID: Q13488	
Isotype: IgG	Full Name: T-cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 subunit A3	
Immunogen Catalog Number: AG3378	Calculated MW: 830 aa, 93 kDa	

Applications

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

Species Specificity:
human

Product Information

83351-3-PBS targets TCIRG1 as part of a matched antibody pair:

MP00365-1: 83351-3-PBS capture and 83351-5-PBS detection (validated in Cytometric bead array)

MP00365-4: 83351-3-PBS capture and 83351-7-PBS detection (validated in 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

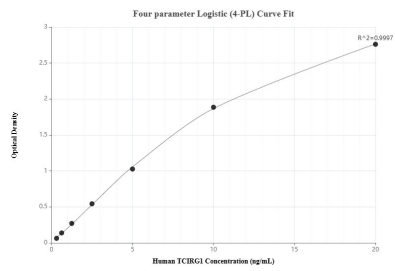
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

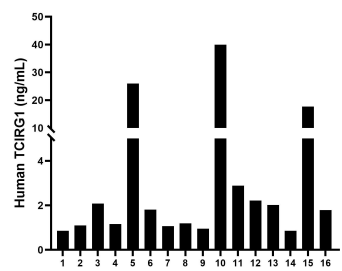
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

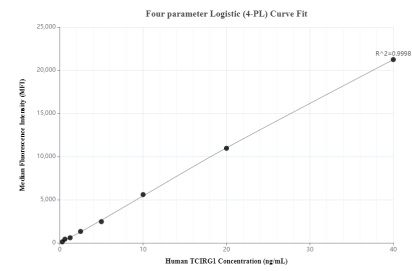
Selected Validation Data



Sandwich ELISA standard curve of MP00365-4, Humam TCIRG1 Recombinant Matched Antibody Pair - PBS only. 83351-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3378. 83351-7-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Serum of sixteen individual healthy human donors was measured. The human TCIRG1 concentration of detected samples was determined to be 6.50 ng/mL with a range of 0.86 - 39.96 ng/mL



Cytometric bead array standard curve of MP00365-1, TCIRG1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83351-3-PBS. Detection antibody: 83351-5-PBS. Standard: Ag3378. Range: 0.313-40 ng/mL