

For Research Use Only

TIMM50 Recombinant antibody, PBS Only (Capture)

Catalog Number:83978-4-PBS



Basic Information

Catalog Number: 83978-4-PBS	GenBank Accession Number: BC121147	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 92609	CloneNo.: 241097H8
Source: Rabbit	UNIPROT ID: Q3ZCQ8	
Isotype: IgG	Full Name: translocase of inner mitochondrial membrane 50 homolog (S. cerevisiae)	
Immunogen Catalog Number: AG17574	Calculated MW: 456 aa, 50 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83978-4-PBS targets TIMM50 as part of a matched antibody pair:

MP00873-2: 83978-4-PBS capture and 83978-3-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

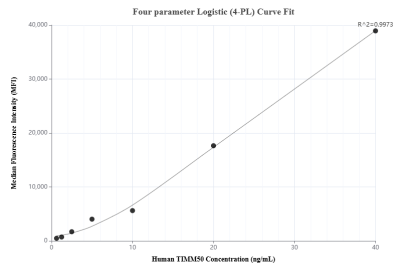
For technical support and original validation data for this product please contact:

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

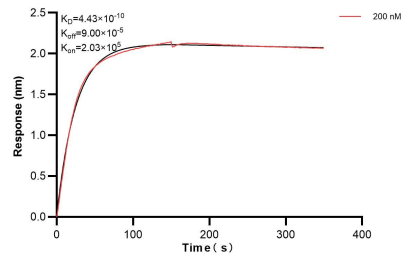
E: proteintech@ptglab.com
W: ptglab.com

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 MP00873-2, TIMM50 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83978-4-PBS. Detection antibody: 83978-3-PBS. Standard: Ag17574. Range: 0.625-40 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 83978-4-PBS against Human TIMM50 was performed. The affinity constant is 0.443 nM.