

For Research Use Only

TBK1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83686-2-PBS



Basic Information

Catalog Number: 83686-2-PBS	GenBank Accession Number: BC034950	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 29110	CloneNo.: 240769F3
Source: Rabbit	UNIPROT ID: Q9UHD2	
Isotype: IgG	Full Name: TANK-binding kinase 1	
Immunogen Catalog Number: AG28894		

Applications

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

Species Specificity:
human

Product Information

83686-2-PBS targets TBK1 as part of a matched antibody pair.

MP00674-1: 83686-2-PBS capture and 83686-1-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

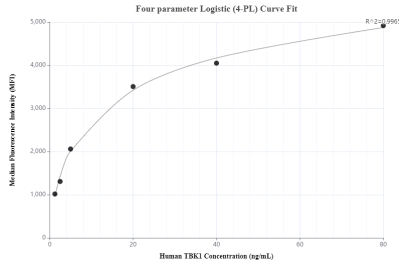
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

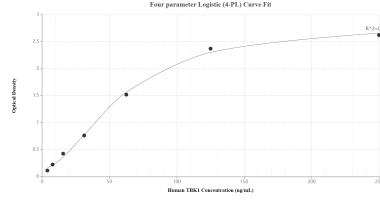
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

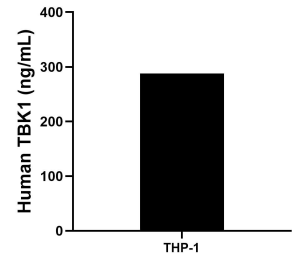
Selected Validation Data



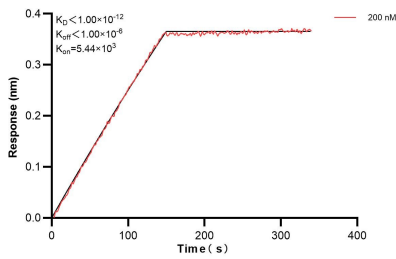
Cytometric bead array standard curve of MP00674-1, TBK1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83686-2-PBS. Detection antibody: 83686-1-PBS. Standard: Ag28894. Range: 1.25-80 ng/mL



Sandwich ELISA standard curve of MP00674-1, Human TBK1 Recombinant Matched Antibody Pair - PBS only. 83686-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag28894. 83686-1-PBS was HRP conjugated as the detection antibody. Range: 3.9-250 ng/mL



The mean TBK1 concentration was determined to be 288.0 ng/mL in THP-1 cell extract based on a 5.7 mg/mL extract load.



Bi-layer interferometry (BLI) kinetic assay of 83686-2-PBS against Human TBK1 was performed. The affinity constant is below 1 pM.