

For Research Use Only

Rat TNF-alpha Recombinant antibody, PBS Only (Detector)

Catalog Number: 82863-7-PBS



Basic Information

Catalog Number: 82863-7-PBS	GenBank Accession Number: BC107671	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 24835	CloneNo.: 5G5
Source: Rabbit	UNIPROT ID: P16599	
Isotype: IgG	Full Name: tumor necrosis factor (TNF superfamily, member 2)	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
rat

Product Information

82863-7-PBS targets TNF-alpha as part of a matched antibody pair:

MP02049-1: 82863-3-PBS capture and 82863-7-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

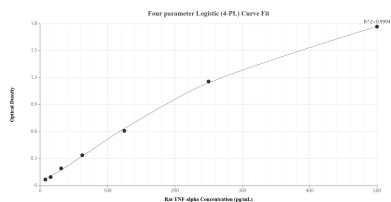
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

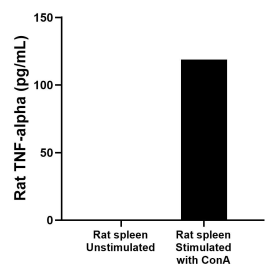
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 MP02049-1, Rat TNF-alpha Recombinant Matched Antibody Pair - PBS only. 82863-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg31374. 82863-7-PBS was HRP conjugated as the detection antibody. Range: 7.81-500 pg/mL



Rat spleens were cut into 1-2 mm pieces and cultured unstimulated or stimulated with 5 µg/mL ConA for 2 days. The mean TNF-alpha concentration was not determined in unstimulated supernatant, 118.8 pg/mL in ConA stimulated supernatant.