

For Research Use Only



Mouse TNF-alpha Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 80260-4-PBS

Basic Information

Catalog Number: 80260-4-PBS	GenBank Accession Number: NM_001278601.1	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 21926	CloneNo.: 251853H7
Source: Rabbit	UNIPROT ID: P06804	
Isotype: IgG	Full Name: tumor necrosis factor	
Immunogen Catalog Number: EG1773	Calculated MW: 26kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
mouse

Product Information

80260-4-PBS targets TNF-alpha as part of a matched antibody pair:

MP00682-4: 80260-4-PBS capture and 80260-3-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.

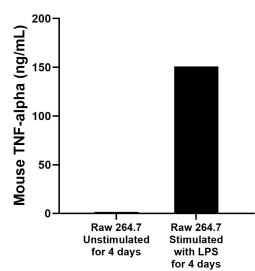
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

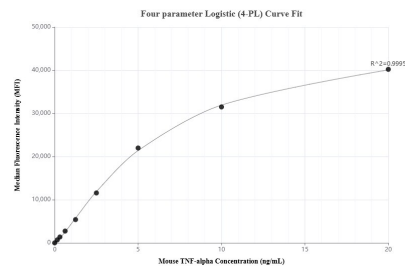
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



RAW 264.7 mouse monocyte/macrophage cells (3.5 x 10⁶ cells/mL) were cultured in DMEM supplemented with 8% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. Cells were cultured unstimulated or stimulated with 1 µg/mL LPS for 4 days. Aliquots of the cell culture supernates were removed and assayed for levels of mouse TNF-alpha, and measured 1.6 ng/mL, 151.03 ng/mL, respectively.



Cytometric bead array standard curve of MP00682-4, MOUSE TNF-alpha Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 80260-4-PBS. Detection antibody: 80260-3-PBS. Standard: Eg1773. Range: 0.156-20 ng/mL.