

For Research Use Only



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

Catalog Number: 80260-7-PBS

## Basic Information

<b>Catalog Number:</b> 80260-7-PBS	<b>GenBank Accession Number:</b> NM_001278601.1	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 21926	<b>CloneNo.:</b> 251832E9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P06804	
<b>Isotype:</b> IgG	<b>Full Name:</b> tumor necrosis factor	
<b>Immunogen Catalog Number:</b> EG1773	<b>Calculated MW:</b> 26kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
mouse

## Product Information

80260-7-PBS targets TNF-alpha as part of a matched antibody pair:

MP00682-5: 80260-4-PBS capture and 80260-7-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

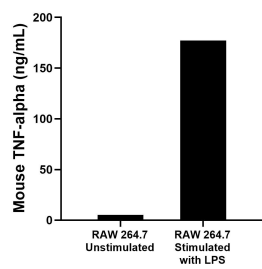
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

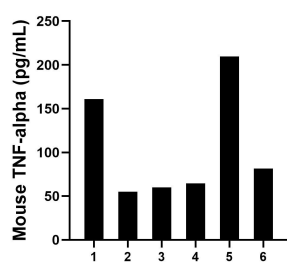
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

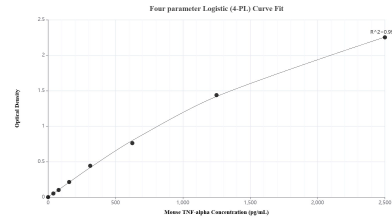
## Selected Validation Data



RAW 264.7 cells were cultured unstimulated or stimulated with 1 µg/mL LPS for 4 days. The mean TNF-alpha concentration was determined to be 5.2 ng/mL in unstimulated supernatant, 177.2 ng/mL in LPS stimulated supernatant.



Serum of six mice was measured. The TNF-alpha concentration of detected samples was determined to be 105.3 pg/mL with a range of 55.1-209.7 pg/mL



Sandwich ELISA standard curve of MP00682-5, Mouse TNF-alpha Recombinant Matched Antibody Pair - PBS only. 80260-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1773. 80260-7-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL