

For Research Use Only

# TNF alpha Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68740-1-PBS



## Basic Information

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| <b>Catalog Number:</b><br>68740-1-PBS                      | <b>GenBank Accession Number:</b><br>GeneID (NCBI):<br>7124             | <b>Purification Method:</b><br>Protein G purification  |
| <b>Size:</b><br>100ug, Concentration: 1 mg/ml by Nanodrop; | <b>ENSEMBL Gene ID:</b><br>ENSG00000232810                             | <b>CloneNo.:</b><br>2E5G4  |
| <b>Source:</b><br>Mouse                                    | <b>Full Name:</b><br>tumor necrosis factor (TNF superfamily, member 2) | <b>Affinity:</b><br>$K_D = 2.43 \times 10^{-9}M$<br>$K_{off} = 7.28 \times 10^{-5}M$<br>$K_{on} = 3.00 \times 10^4M$ |
| <b>Isotype:</b><br>IgG1                                    | <b>Immunogen Catalog Number:</b><br>HZ-1014                            |  |

## Applications

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

**Species Specificity:**  
human

## Product Information

68740-1-PBS targets TNF alpha as part of a matched antibody pair:

MP50093-1: 68740-1-PBS capture and 68740-2-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

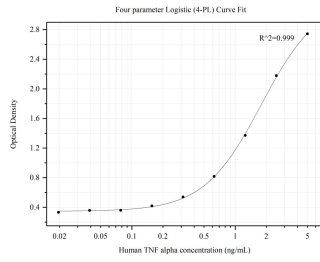
**Storage:**  
Store at -80°C.

**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 MP50093-1, TNF alpha Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68740-1-PBS. Detection antibody: HRP-conjugated 68740-2-PBS. Standard:HZ-1014. Range:0.020-5 ng/mL