

For Research Use Only

# ZMAT3 Monoclonal antibody, PBS Only (Detector)



Catalog Number: 68346-1-PBS

## Basic Information

<b>Catalog Number:</b> 68346-1-PBS	<b>GenBank Accession Number:</b> BC002896	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 64393	<b>CloneNo.:</b> 2D2E7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9HA38	
<b>Isotype:</b> IgG1	<b>Full Name:</b> zinc finger, matrin type 3	
<b>Immunogen Catalog Number:</b> AG20552	<b>Calculated MW:</b> 32 kDa	
	<b>Observed MW:</b> ~32 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA, Cytometric bead array

**Species Specificity:**  
Human

## Product Information

68346-1-PBS targets ZMAT3 as part of a matched antibody pair.

MP50120-1: 68346-2-PBS capture and 68346-1-PBS detection (validated in Cytometric bead array, 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.

## Background Information

ZMAT3 is a p53-induced zinc finger protein, and a role in the TP53-dependent growth regulatory pathway, contribute to TP53-mediated apoptosis by regulation of TP53 expression and translocation to the nucleus and nucleolus. Acts as a bona fide target gene of p53/TP53.

## Storage

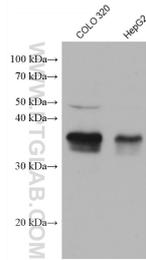
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

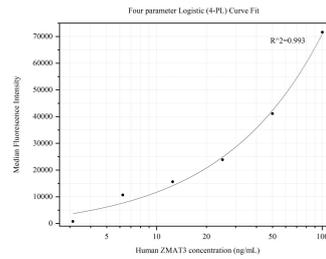
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68346-1-Ig (ZMAT3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68346-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50120-1, ZMAT3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68346-2-PBS. Detection antibody: 68346-1-PBS. Standard: Ag20552. Range: 3.125-100 ng/mL