

For Research Use Only

# CD42b Monoclonal antibody, PBS Only (Capture)

Catalog Number: 67857-2-PBS



## Basic Information

|                                                             |                                                                    |                                                       |
|-------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>67857-2-PBS                       | <b>GenBank Accession Number:</b><br>BC027955                       | <b>Purification Method:</b><br>Protein G purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>2811                                      | <b>CloneNo.:</b><br>2G12G1                            |
| <b>Source:</b><br>Mouse                                     | <b>ENSEMBL Gene ID:</b><br>ENSG00000185245                         |                                                       |
| <b>Isotype:</b><br>IgG1                                     | <b>UNIPROT ID:</b><br>P07359                                       |                                                       |
| <b>Immunogen Catalog Number:</b><br>AG31181                 | <b>Full Name:</b><br>glycoprotein Ib (platelet), alpha polypeptide |                                                       |
|                                                             | <b>Calculated MW:</b><br>626 aa, 69 kDa                            |                                                       |

## Applications

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

**Species Specificity:**  
human

## Product Information

67857-2-PBS targets CD42b as part of a matched antibody pair:

MP51744-1: 67857-2-PBS capture and 67857-3-PBS detection (validated in Cytometric bead array)

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

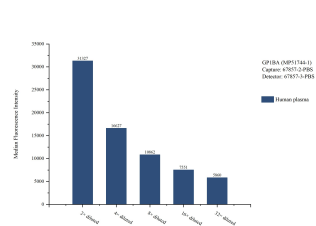
**Storage:**  
Store at -80°C.

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

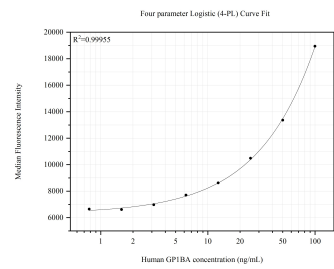
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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# Selected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



Cytometric bead array sample test of MP51744-1, GP1BA Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67857-2-PBS. Detection antibody: 67857-3-PBS.



Cytometric bead array standard curve of MP51744-1, GP1BA Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67857-2-PBS. Detection antibody: 67857-3-PBS. Standard:Ag31181. Range: 0.781-100 ng/mL.