

For Research Use Only

# Osteopontin/OPN Monoclonal antibody, PBS Only (Detector)

Catalog Number: 68983-2-PBS



## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>68983-2-PBS                         | <b>GenBank Accession Number:</b><br>BC007016   | <b>Purification Method:</b><br>Protein G purification |
| <b>Size:</b><br>100ug, Concentration: 1 mg/ml by<br>Nanodrop; | <b>GeneID (NCBI):</b><br>6696                  | <b>CloneNo.:</b><br>1E12B12                           |
| <b>Source:</b><br>Mouse                                       | <b>UNIPROT ID:</b><br>P10451-5                 |   |
| <b>Isotype:</b><br>IgG1                                       | <b>Full Name:</b><br>secreted phosphoprotein 1 |   |
| <b>Immunogen Catalog Number:</b><br>AG19216                   | <b>Calculated MW:</b><br>314 aa, 35 kDa        |   |

## Applications

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

**Species Specificity:**  
human

## Product Information

68983-2-PBS targets Osteopontin/OPN as part of a matched antibody pair:

MP50455-1: 68983-1-PBS capture and 68983-2-PBS detection (validated in Cytometric bead array)

MP50455-4: 68983-4-PBS capture and 68983-2-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

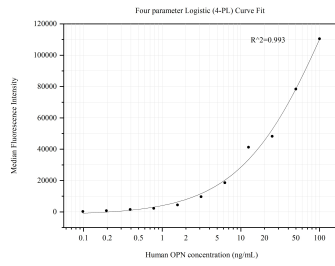
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

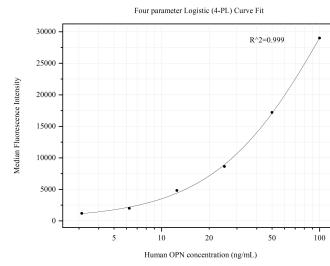
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



Cytometric bead array standard curve of MP50455-1, OPN, SPP1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68983-1-PBS. Detection antibody: 68983-2-PBS. Standard: Ag19216. Range: 0.098-100 ng/mL



Cytometric bead array standard curve of MP50455-4, OPN, SPP1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68983-4-PBS. Detection antibody: 68983-2-PBS. Standard: Ag19216. Range: 3.125-100 ng/mL