

For Research Use Only

# Osteopontin Monoclonal antibody, PBS Only (Detector)

Catalog Number: 68983-5-PBS



## Basic Information

<b>Catalog Number:</b> 68983-5-PBS	<b>GenBank Accession Number:</b> BC007016	<b>Purification Method:</b> Protein G Magarose purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6696	<b>CloneNo.:</b> 2H7E10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P10451-5	
<b>Isotype:</b> IgG1	<b>Full Name:</b> secreted phosphoprotein 1	
<b>Immunogen Catalog Number:</b> AG19216	<b>Calculated MW:</b> 314 aa, 35 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

68983-5-PBS targets Osteopontin as part of a matched antibody pair:

MP50455-3: 68983-4-PBS capture and 68983-5-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

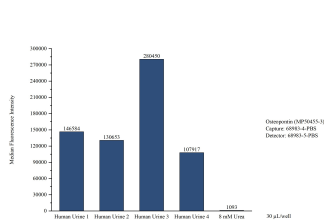
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

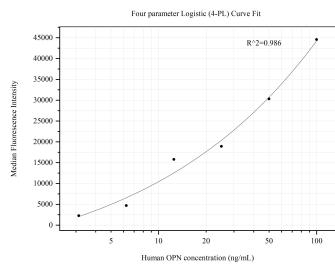
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



Cytometric bead array of Human urine using MP50455-3, Osteopontin Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68983-4-PBS. Detection antibody: 68983-5-PBS. Urine of four individual healthy human donors was analyzed using MP50455-3.



Cytometric bead array standard curve of MP50455-3, OPN, SPP1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68983-4-PBS. Detection antibody: 68983-5-PBS. Standard: Ag19216. Range: 3.125-100 ng/mL.