

For Research Use Only



# Osteopontin Monoclonal Matched Antibody Pair, PBS Only

Catalog Number:MP50455-3

## Capture Antibody Information

Catalog Number:  
68983-4-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G purification

Clone ID:  
1B6A1

Reactivity:  
human

Immunogen Catalog Number:  
Ag19216

Conjugate:  
Unconjugated

Full name:  
secreted phosphoprotein 1

Gene ID:  
6696

## Detection Antibody Information

Catalog Number:  
68983-5-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G Magarose purification

Clone ID:  
2H7E10

Reactivity:  
human

GenBank:  
BC007016

Immunogen Catalog Number:  
Ag19216

Conjugate:  
Unconjugated

Full name:  
secreted phosphoprotein 1

Gene ID:  
6696

## Applications

Tested Applications:  
Cytometric bead array

Range:  
3.125-100 ng/mL (Cytometric Bead Array)

Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP50455-3 targets Osteopontin in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Osteopontin Monoclonal antibody, PBS Only (Capture/Detector) 68983-4-PBS (1B6A1). 100 µg. Concentration 1 mg/mL.

Detection antibody: Osteopontin Monoclonal antibody, PBS Only (Detector) 68983-5-PBS (2H7E10). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

Storage:  
Store at -80°C.  
Storage buffer:  
PBS only

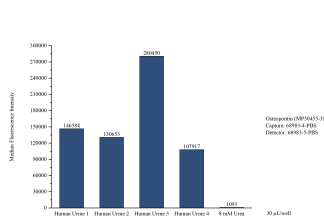
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

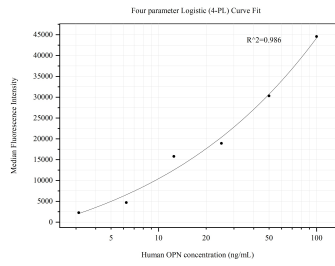
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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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.