

For Research Use Only

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

Catalog Number: 68983-4-PBS



Basic Information

Catalog Number: 68983-4-PBS	GenBank Accession Number: BC007016	Purification Method: Protein G purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6696	CloneNo.: 1B6A1
Source: Mouse	UNIPROT ID: P10451-5	
Isotype: IgG1	Full Name: secreted phosphoprotein 1	
Immunogen Catalog Number: AG19216	Calculated MW: 314 aa, 35 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

68983-4-PBS targets Osteopontin/OPN as part of a matched antibody pair:

MP50455-2: 68983-3-PBS capture and 68983-4-PBS detection (validated in Cytometric bead array)

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

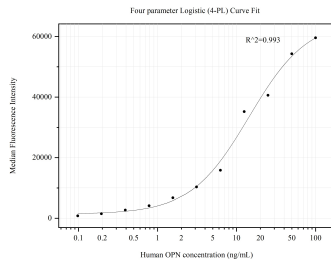
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

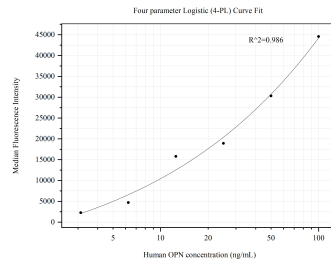
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

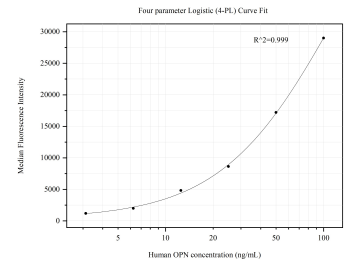
Selected Validation Data



Cytometric bead array standard curve of MP50455-2, OPN, SPP1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68983-3-PBS. Detection antibody: 68983-4-PBS. Standard:Ag19216. Range: 0.098-100 ng/mL



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



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