

For Research Use Only

Osteoglycin Monoclonal antibody, PBS Only (Detector)

Catalog Number: 66382-2-PBS



Basic Information

Catalog Number: 66382-2-PBS	GenBank Accession Number: BC037273	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4969	CloneNo.: 2C12G2
Source: Mouse	UNIPROT ID: P20774	
Isotype: IgG1	Full Name: osteoglycin	
Immunogen Catalog Number: AG3484	Calculated MW: 298 aa, 34 kDa	

Applications

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

Species Specificity:
human

Product Information

66382-2-PBS targets Osteoglycin as part of a matched antibody pair:

MP50723-1: 66382-1-PBS capture and 66382-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

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

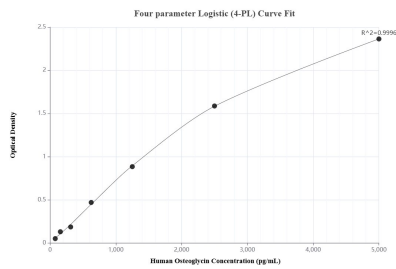
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

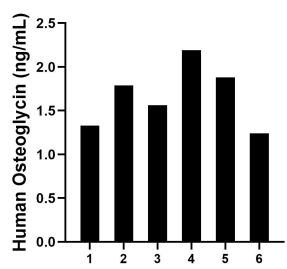
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

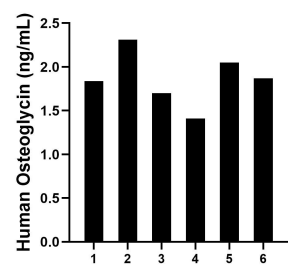
Selected Validation Data



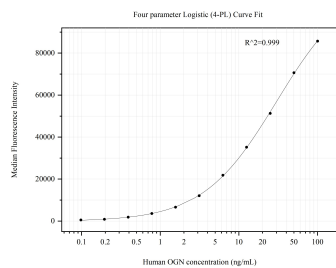
Sandwich ELISA standard curve of MP50723-1, Human Osteoglycin Monoclonal Matched Antibody Pair - PBS only. 66382-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3484. 66382-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Plasma of six individual healthy human donors was measured. The Osteoglycin concentration of detected samples was determined to be 1.7 ng/mL with a range of 1.2-2.2 ng/mL



Serum of six individual healthy human donors was measured. The Osteoglycin concentration of detected samples was determined to be 1.9 ng/mL with a range of 1.4-2.3 ng/mL



Cytometric bead array standard curve of MP50723-1, OGN/Osteoglycin Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66382-1-PBS. Detection antibody: 66382-2-PBS. Standard:Ag3484. Range: 0.098-100 ng/mL