

For Research Use Only

Osteocalcin Recombinant antibody, PBS Only (Detector)

Catalog Number: 80551-3-PBS



Basic Information

Catalog Number: 80551-3-PBS	GenBank Accession Number: BC113432	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 632	CloneNo.: 250224H8
Source: Rabbit	UNIPROT ID: P02818	
Isotype: IgG	Full Name: bone gamma-carboxyglutamate (gla) protein	
Immunogen Catalog Number: AG20065	Calculated MW: 100 aa, 11 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

80551-3-PBS targets Osteocalcin as part of a matched antibody pair:

MP02324-1: 80551-4-PBS capture and 80551-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

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, pH7.3

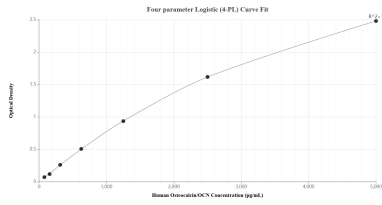
For technical support and original validation data for this product please contact:

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

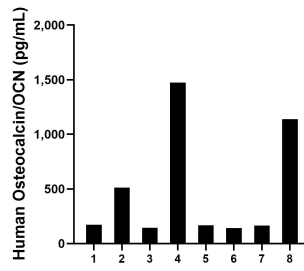
E: proteintech@ptglab.com
W: ptglab.com

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 MP02324-1, Human Osteocalcin/OCN Recombinant Matched Antibody Pair - PBS only. 80551-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag20065. 80551-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of eight individual healthy human donors was measured. The Osteocalcin/OCN concentration of detected samples was determined to be 490.0 pg/mL with a range of 142.8-1,474.4 pg/mL.