

For Research Use Only

# Osteocalcin/OCN Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02324-1

## Capture Antibody Information

Catalog Number:  
80551-4-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
250224F7  
Reactivity:  
human  
Immunogen Catalog Number:  
Ag20065

Conjugate:  
Unconjugated  
Full name:  
bone gamma-carboxyglutamate (gla) protein  
Gene ID:  
632

## Detection Antibody Information

Catalog Number:  
80551-3-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
250224H8  
Reactivity:  
human  
GenBank:  
BC113432  
Immunogen Catalog Number:  
Ag20065

Conjugate:  
Unconjugated  
Full name:  
bone gamma-carboxyglutamate (gla) protein  
Gene ID:  
632

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
78.1-5000 pg/mL (Sandwich ELISA)

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

## Product Information

MP02324-1 targets Osteocalcin/OCN in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Osteocalcin Recombinant antibody, PBS Only (Capture) 80551-4-PBS (250224F7). 100 µg. Concentration 1 mg/mL.

Detection antibody: Osteocalcin Recombinant antibody, PBS Only (Detector) 80551-3-PBS (250224H8). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

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.

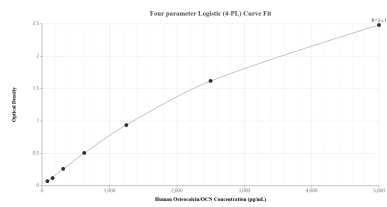
## Storage

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

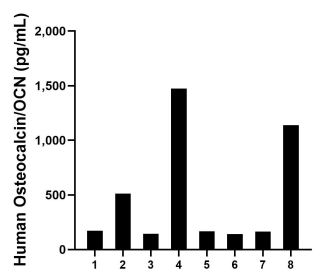
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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# Selected Validation Data



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.