

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
GenBank:
BC113432
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.

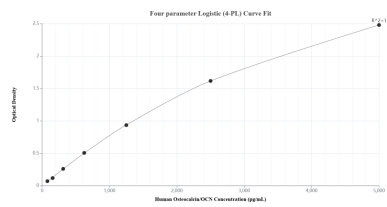
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

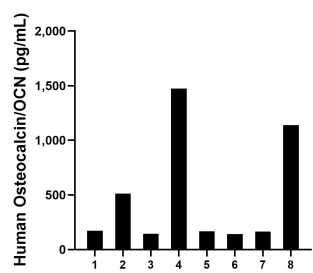
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

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.