

Rat Osteopontin/OPN Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02043-3**

Capture Antibody Information

Catalog Number:

85673-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242654C9

Reactivity:

rat

Immunogen Catalog Number:

Eg3247

Conjugate:

Unconjugated

Full name:

secreted phosphoprotein 1

Gene ID:

25353

Detection Antibody Information

Catalog Number:

85673-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242654E4

Reactivity:

rat

GenBank:

NM_012881.2

Immunogen Catalog Number:

Eg3247

Conjugate:

Unconjugated

Full name:

secreted phosphoprotein 1

Gene ID:

25353

Applications

Tested Applications:

Sandwich ELISA

Range:

23.4-1500 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

MP02043-3 targets Osteopontin/OPN in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat Osteopontin Recombinant antibody, PBS Only (Capture) 85673-3-PBS (242654C9). 100 µg. Concentration 1 mg/mL.

Detection antibody: Rat Osteopontin Recombinant antibody, PBS Only (Detector) 85673-4-PBS (242654E4). 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:

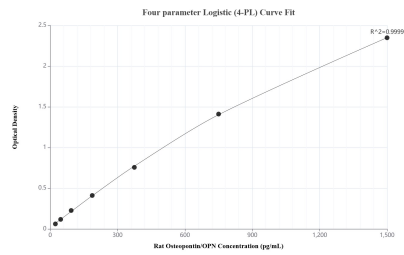
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

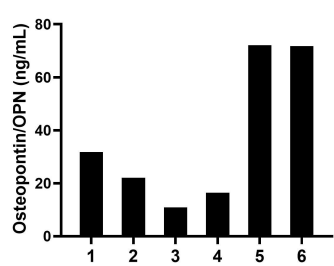
W: ptglab.com

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

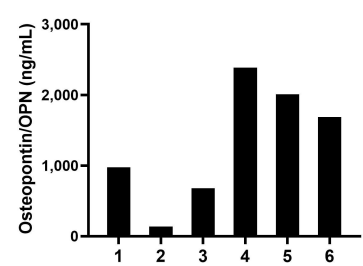
Selected Validation Data



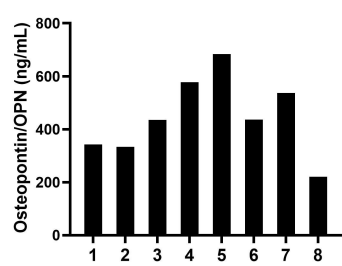
Sandwich ELISA standard curve of MP02043-3, Rat Osteopontin/OPN Recombinant Matched Antibody Pair - PBS only. 85673-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3247. 85673-4-PBS was HRP conjugated as the detection antibody. Range: 23.4-1500 pg/mL



Serum of six mice was measured. The Osteopontin/OPN concentration of detected samples was determined to be 37.5 ng/mL with a range of 10.9-72.1 ng/mL



Urine of six mice was measured. The Osteopontin/OPN concentration of detected samples was determined to be 1,311.5 ng/mL with a range of 137.8-2,384.1 ng/mL



Serum of eight rats was measured. The Osteopontin/OPN concentration of detected samples was determined to be 445.8 ng/mL with a range of 220.2-683.6 ng/mL