

For Research Use Only

Rat MMP-9 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00757-1

Capture Antibody Information

Catalog Number:
83768-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240895B5

Reactivity:
rat

Conjugate:
Unconjugated

Full name:
matrix metalloproteinase 9

Gene ID:
81687

Detection Antibody Information

Catalog Number:
83768-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240895A8

Reactivity:
rat

GenBank:
NM_031055.2

Conjugate:
Unconjugated

Full name:
matrix metalloproteinase 9

Gene ID:
81687

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
1.56-100 ng/mL (Cytometric Bead Array)
0.313-20 ng/mL (Sandwich ELISA)

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

Product Information

MP00757-1 targets MMP-9 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Rat Mmp9 Recombinant antibody, PBS Only (Capture) 83768-2-PBS (240895B5). 100 µg. Concentration 1 mg/ml.

Detection antibody: Rat Mmp9 Recombinant antibody, PBS Only (Detector) 83768-1-PBS (240895A8). 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

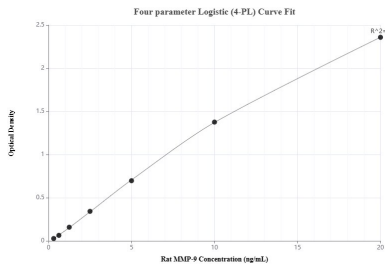
For technical support and original validation data for this product please contact:

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

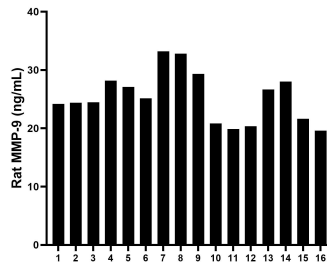
E: proteintech@ptglab.com
W: ptglab.com

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

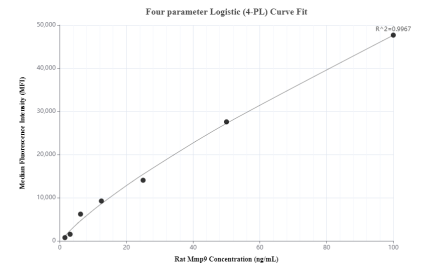
Selected Validation Data



Sandwich ELISA standard curve of MP00757-1, Rat MMP-9 Recombinant Matched Antibody Pair - PBS only. 83768-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0439. 83768-1-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Serum of sixteen rats was measured. The rat MMP-9 concentration of detected samples was determined to be 25.36 ng/mL with a range of 19.61 - 33.20 ng/mL



Cytometric bead array standard curve of MP00757-1, RAT MMP-9 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83768-2-PBS. Detection antibody: 83768-1-PBS. Standard: Eg0439. Range: 1.56-100 ng/mL