

For Research Use Only

Rat Mmp9 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83768-2-PBS



Basic Information

Catalog Number:

83768-2-PBS

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0439

GenBank Accession Number:

NM_031055.2

GeneID (NCBI):

81687

UNIPROT ID:

P50282

Full Name:

matrix metalloproteinase 9

Calculated MW:

79kd

Purification Method:

Protein A purification

CloneNo.:

240895B5

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

rat

Background Information

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, pH7.3

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

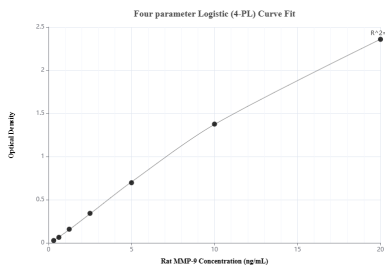
T: 4006900926

E: Proteintech-CN@ptglab.com

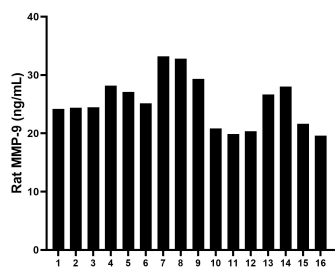
W: ptgcn.com

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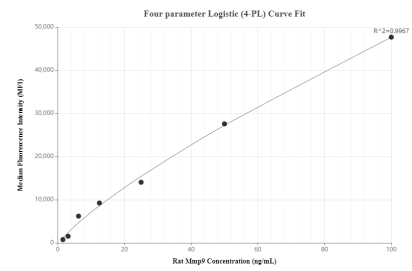
Selected Validation Data



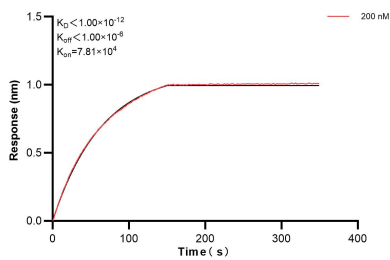
Sandwich ELISA standard curve of MP00757-1, Rat MMP-9 Recombinant Matched Antibody Pair - PBS only. 83768-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0439. 83768-1-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



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



Biolayer interferometry (BLI) kinetic assays of 83768-2-PBS against Rat Mmp9 were performed. The affinity constant is below 1 pM.