For Research Use Only

Mouse Mmp12 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:88215-2-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
88215-2-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3172

GenBank Accession Number:
NM_008605.3

GeneID (NCBI):
17381

UNIPROT ID:
P34960

Full Name:
matrix metallopeptidase 12

Calculated MW:
55 kDa

Purification Method:
Protein A purification

CloneNo.:
260147A3

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

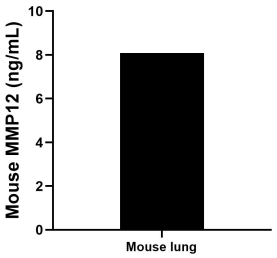
Species Specificity:
mouse

Background Information

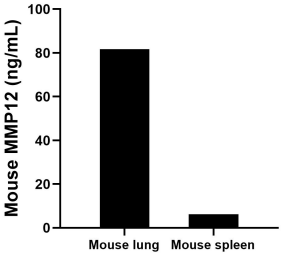
Storage

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

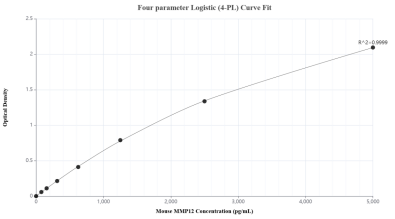
Selected Validation Data



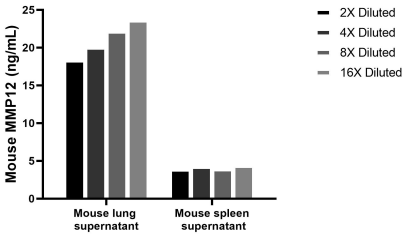
The mean MMP12 concentration was determined to be 8.1 ng/mL in mouse lung tissue extract based on a 5.0 mg/mL extract load.



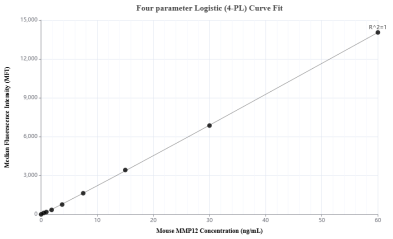
The mean MMP12 concentration was determined to be 81.7 ng/mL in mouse lung supernatant and 6.2 ng/mL in mouse spleen supernatant.



Sandwich ELISA standard curve of MP03377-1, Mouse MMP12 Recombinant Matched Antibody Pair - PBS only. 88215-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3172. 88215-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean MMP12 concentration was determined to be 21.0 ng/mL in mouse lung supernatant and 4.1 ng/mL in mouse spleen supernatant.



Cytometric bead array standard curve of MP03377-1, MOUSE MMP12 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88215-2-PBS. Detection antibody: 88215-1-PBS. Standard: Eg3172. Range: 0.469-60 ng/mL.