For Research Use Only

Mouse SOD1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:88108-4-PBS

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Basic Information

Catalog Number:
88108-4-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG9090

GenBank Accession Number:
NM_011434.2

GeneID (NCBI):
20655

UNIPROT ID:
P08228

Full Name:
superoxide dismutase 1, soluble

Calculated MW:
16 kDa

Purification Method:
Protein A purification

CloneNo.:
260429C10

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

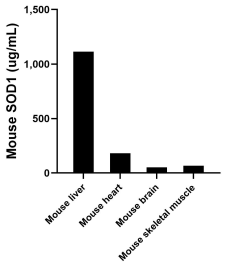
Species Specificity:
mouse

Background Information

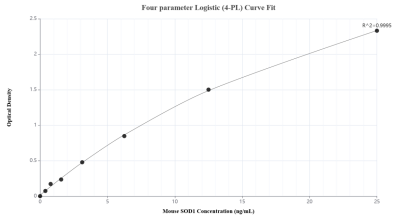
Storage

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 SOD1 concentration was determined to be 1,113.55 ug/mL in mouse liver tissue extract based on a 8.40 mg/mL extract load, 182.03 ug/mL in mouse heart tissue extract based on a 5.40 mg/mL extract load, 50.96 ug/mL in mouse brain tissue extract based on a 1.20 mg/mL extract load and 67.46 ug/mL in mouse skeletal muscle tissue extract based on a 4.10 mg/mL extract load.



Sandwich ELISA standard curve of MP03373-2, Mouse SOD1 Recombinant Matched Antibody Pair - PBS only. 88108-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9090. 88108-4-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL.