For Research Use Only

Mouse SOD1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03373-2

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Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
88108-5-PBS

Clone ID:
260429C7

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
superoxide dismutase 1, soluble

Isotype:
IgG

Immunogen Catalog Number:
Eg9090

Gene ID:
20655

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
88108-4-PBS

Clone ID:
260429C10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
superoxide dismutase 1, soluble

Isotype:
IgG

GenBank:
NM_011434.2

Gene ID:
20655

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg9090

Applications

Tested Applications:
Sandwich ELISA

Range:
0.391-25 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

MP03373-2 targets SOD1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse SOD1 Recombinant monoclonal antibody, PBS Only (Capture) 88108-5-PBS (260429C7). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse SOD1 Recombinant monoclonal antibody, PBS Only (Detector) 88108-4-PBS (260429C10). 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.

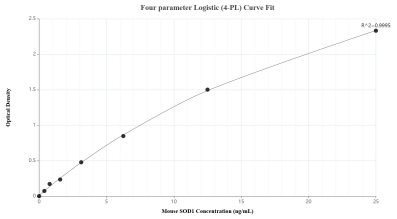
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

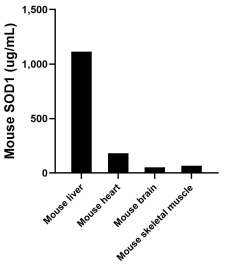
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 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.



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.