

For Research Use Only

Mouse HO-1/Hmox1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83291-4-PBS



Basic Information

Catalog Number:

83291-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_010442.2

GeneID (NCBI):

15368

UNIPROT ID:

P14901

Full Name:

heme oxygenase (decycling) 1

Calculated MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

240236H1

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

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

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

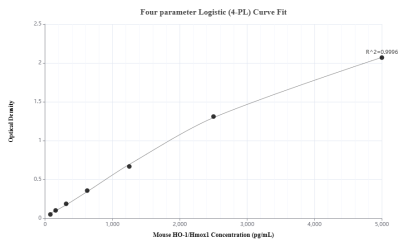
T: 4006900926

E: Proteintech-CN@ptglab.com

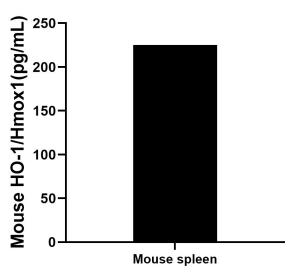
W: ptgcn.com

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

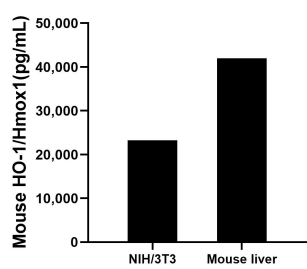
Selected Validation Data



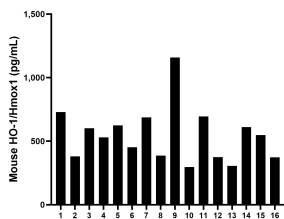
Sandwich ELISA standard curve of MP00318-3, mouse HO-1/Hmox Recombinant Matched Antibody Pair - PBS only. 83291-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard: Eg0938. 83291-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Mouse spleen tissue (3 spleen in 1-2 mm pieces in 100 mL of medium) was cultured in RPMI supplemented with 10% fetal bovine serum, 50 μ M β -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for mouse HO-1/Hmox1, and measured 225.2 pg/mL.



The mean mouse HO-1/Hmox1 concentration was determined to be 23,262.0 pg/mL in NIH/3T3 cell extract based on a 7.8 mg/mL extract load and 41,977.1 pg/mL in mouse liver extract based on a 5 mg/mL extract load.



Serum of sixteen mice was measured. The mouse HO-1/Hmox1 concentration of detected samples was determined to be 547.1 pg/mL with a range of 297.1 - 1,158.6 pg/mL.