

For Research Use Only

# Mouse HO-1/Hmox1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 83291-3-PBS



## Basic Information

Catalog Number:

83291-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0938

GenBank Accession Number:

NM\_010442.2

GeneID (NCBI):

15368

UNIPROT ID:

P14901

Full Name:

heme oxygenase (decycling) 1

Calculated MW:

33 kDa

Observed MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

240236G4

## Applications

Tested Applications:

WB, IHC, FC (Intra), Indirect ELISA

Species Specificity:

mouse, 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:

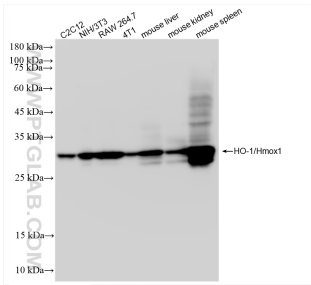
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

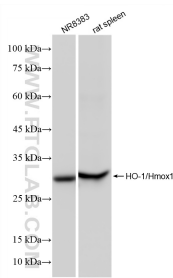
W: [ptgcn.com](http://ptgcn.com)

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

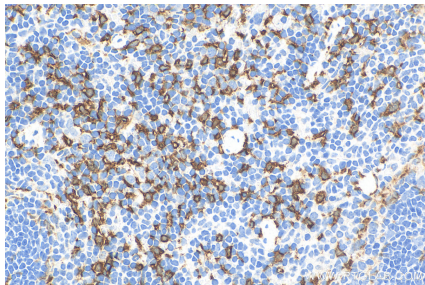
Selected Validation Data



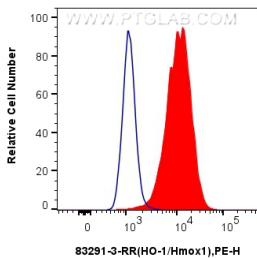
Various lysates were subjected to SDS PAGE followed by western blot with 83291-3-RR (HO-1/Hmox1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83291-3-PBS in a different storage buffer formulation.



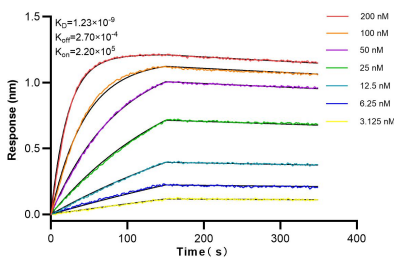
Various lysates were subjected to SDS PAGE followed by western blot with 83291-3-RR (HO-1/Hmox1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83291-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 83291-3-RR (HO-1/Hmox1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83291-3-PBS in a different storage buffer formulation.



1x10<sup>6</sup> NIH/3T3 cells were intracellularly stained with 0.25 ug HO-1/Hmox1 Recombinant antibody (83291-3-RR, Clone:240236G4) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 83291-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83291-3-RR against Mouse HO-1/Hmox1 were performed. The affinity constant is 1.23 nM.