

bsm-60751R**[Primary Antibody]**

Bioss
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

Heme Oxygenase 1 Recombinant Rabbit mAb

DATASHEET

Host: Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 2G4**GeneID:** 3162**SWISS:** P09601**Target:** Heme Oxygenase 1**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** PBS, Glycerol, BSA.

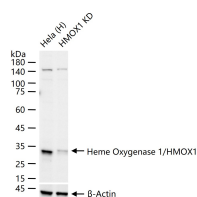
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The hemoxygenase-1 calls that the hemoglobin oxidizes to synthesize the enzyme again-1(hemoxygenase-1, HO-1) is the catalyst enzyme that a kind of hemoglobin declines the solution, under the NADPH and the cell dye P-450 revivification enzymes and the member oxygen functions, the catalyst HO-1 hemoglobin declines the solution as the courage green vegetable, CO and irons, the former revivification has the very strong anti- to oxidize the ability after become the red vegetable of courage , the latter is a kind of important letter to make the member.

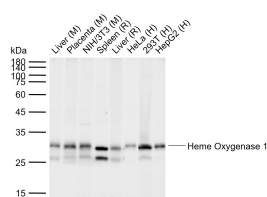
Applications: WB (1:2000-20000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat

Predicted
MW.: 32 kDa

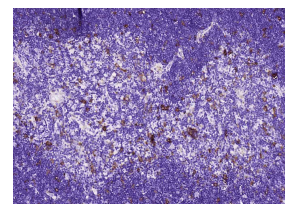
Subcellular
Location: Cytoplasm



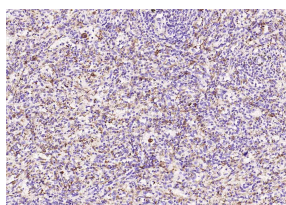
25 ug total protein per lane of various lysates (see on figure) probed with Heme Oxygenase 1/HMOX1 monoclonal antibody, unconjugated (bsm-60751R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Sample: Lane 1: Mouse Liver tissue lysates Lane 2: Mouse Placenta tissue lysates Lane 3: Mouse NIH/3T3 cell lysates Lane 4: Rat Spleen tissue lysates Lane 5: Rat Liver tissue lysates Lane 6: Human HeLa cell lysates Lane 7: Human 293T cell lysates Lane 8: Human HepG2 cell lysates
Primary: Anti-Heme Oxygenase 1 (bsm-60751R) at 1/10000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 32 kDa Observed band size: 30 kDa



Paraformaldehyde-fixed, paraffin embedded (mouse thymus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Heme Oxygenase 1) Monoclonal Antibody, Unconjugated (bsm-60751R) at 1:1000 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human spleen); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Heme Oxygenase 1) Monoclonal Antibody, Unconjugated (bsm-60751R) at 1:1000 overnight at 4°C, followed by operating according to SP

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

— SELECTED CITATIONS —

- **[IF=17.1]** Lei Liu. et al. Myricetin Oligomer Triggers Multi-Receptor Mediated Penetration and Autophagic Restoration of Blood-Brain Barrier for Ischemic Stroke Treatment. ACS NANO. 2024;XXXX(XXX):XXX-XXX WB ;Rat. 38533773
- **[IF=8.2]** E Wen. et al. The P2X7-Mediated Mitochondrial ROS as an Emerging Core Target of Tuftsin Nanoparticles in Severe Acute Pancreatitis Therapy via Regulating Mitophagy. ACS APPL MATER INTER. 2025;17(5):7521–7538 WB ;Mouse. 39854589
- **[IF=4.7]** Keiichi Hiramoto. et al. Induction of Skin Cancer by Long-Term Blue Light Irradiation. BIOMEDICINES. 2023 Aug;11(8):2321 IHC ;Mouse. 37626816
- **[IF=4.6]** Zhiguang Zhang. et al. The Protective Effect of Marsdenia tenacissima against Cisplatin-Induced Nephrotoxicity Mediated by Inhibiting Oxidative Stress, Inflammation, and Apoptosis. MOLECULES. 2023 Jan;28(22):7582 WB ;Mouse. 38005304