

Product Datasheet

HO-1 Rabbit Monoclonal Antibody (orb1474601)

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| Catalog Number | orb1474601 |
| Category | Antibodies |
| Description | The HO-1 Antibody is suitable for IF, IP, WB. It is a Monoclonal, Unconjugated antibody which raised against A synthetic peptide of human Heme Oxygenase 1 .Purification: The antibody was purified by immunogen affinity chromatography. |
| Target | HMOX1 |
| Clonality | Monoclonal |
| Species/Host | Rabbit |
| Conjugation | Unconjugated |
| Reactivity | Mouse |
| Form/Appearance | Liquid |
| Buffer/Preservatives | 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% rAlbumin. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Immunogen | A synthetic peptide of human Heme Oxygenase 1 |
| UniProt ID | P06762, P14901 |
| Tested applications | IF, IP, WB |
| Dilution range | WB (1/500 - 1/1000), IF/IC (1/50 - 1/100), IP (1/10 - 1/50) |
| Specificity | Recognizes endogenous levels of HO-1 protein. |

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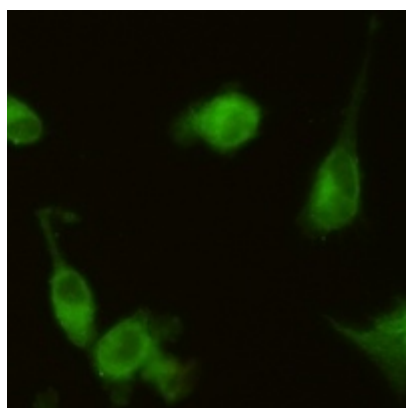
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| | |
|------------------------|---|
| Antibody Type | Primary Antibody |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Note | For research use only |
| Entrez | 15368 |
| Expiration Date | 12 months from date of receipt. |



Western blot analysis of HO-1 expression in NIH3T3 (A) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 33 kD)



Immunofluorescent analysis of HO-1 staining in U87MG cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

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