

HMOX1/HO-1 Rabbit Monoclonal Antibody

Catalog #: EAB21411

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|-----------------------|----------|-------------------|
| Rabbit IgG | Monoclonal | WB, IHC-P, IF/ICC, FC | 33 | Human, Mouse, Rat |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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|--|------------|
| WB(Western Blotting) | 1:500-2000 |
| IHC-P(Immunohistochemistry-Paraffin) | 1:100-500 |
| IF/ICC(Immunofluorescence/Immunocytochemistry) | 1:50-200 |
| FC(Flow Cytometry) | 1:10-100 |

Product Information

| | |
|----------------|--|
| Conjugate | Unconjugate |
| Specificity | HMOX1/HO-1 Rabbit Monoclonal Antibody detects endogenous levels of HMOX1/HO-1 protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | P09601 |
| Entrez-Gene Id | 3162 |

Product Description

Heme oxygenase, an essential enzyme in heme catabolism, cleaves heme to form biliverdin, which is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative neurotransmitter. Heme oxygenase activity is induced by its substrate heme and by various nonheme substances. Heme oxygenase occurs as 2 isozymes, an inducible heme oxygenase-1 and a constitutive heme oxygenase-2. HMOX1 and HMOX2 belong to the heme oxygenase family.

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