

HEME OXYGENASE 1 RABBIT MAB

Cat.#: N261674

Product Name: Anti-Heme Oxygenase 1 Rabbit Monoclonal Antibody

Synonyms: HO-1; HSP32; HMOX1; ; HO1

UNIPROT ID: P09601

Background: Hemeoxygenase (HO) is the rate-limiting enzyme in the catabolism of heme that results in the release of carbon monoxide, iron, and biliverdin. The products of this enzymatic reaction play important biological roles in antioxidant, anti-inflammatory and cytoprotective functions. Hemeoxygenase comprises two isozymes, including the constitutively expressed HO-2 isozyme and the inducible HO-1 isozyme.

Immunogen: A synthetic peptide of human Heme Oxygenase 1

Applications: WB,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R03-8A2

MW: Calculated MW: 33 kDa; Observed MW: 33 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Mouse

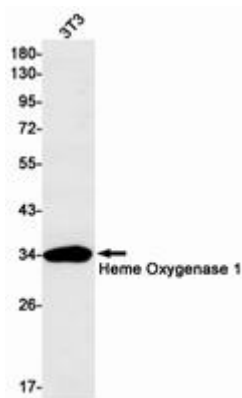
Conjugation: Unconjugated

Modification: Unmodified

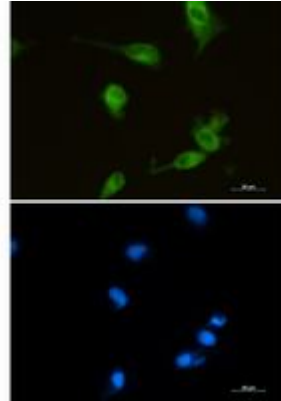
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Heme Oxygenase 1 in 3T3 lysates using Heme Oxygenase 1 antibody.



Immunocytochemistry analysis of Heme Oxygenase 1 (green) in U87-MG using Heme Oxygenase 1 antibody, and DAPI (blue).