

# Anti-Heme Oxygenase 1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R010328

## Product Information

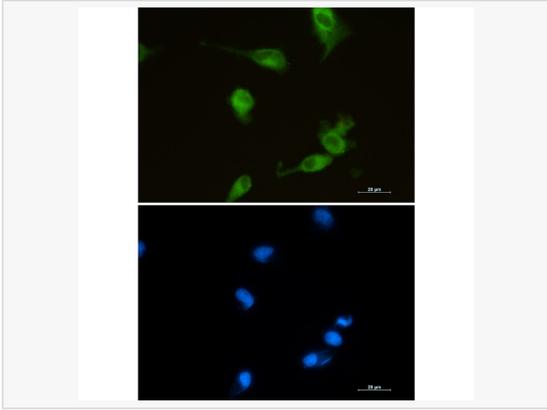
Application	WB, ICC/IF (Cell), IP, ELISA
Reactivity	Mouse
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	10M21K72
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human Heme Oxygenase 1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Heme Oxygenase 1 antibody [10M21K72] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

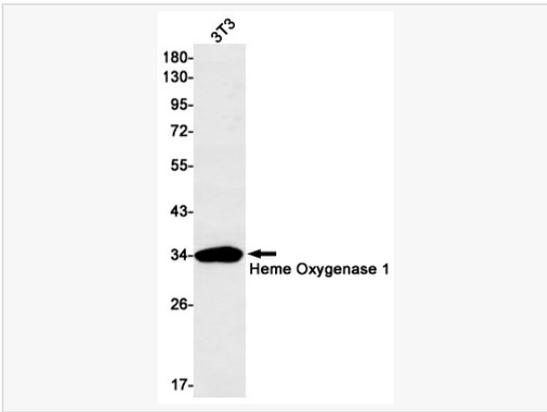
Synonyms	HO-1, HSP32, HMOX1, , HO1.
Calculated MW	Calculated MW: 33 kDa; Observed MW: 33 kDa
Uniprot ID	P09601
Gene ID	3162
Background	Hemeoxygenase (HO) is the rate-limiting enzyme in the catabolism of heme that results in the release of carbon monoxide, iron, and biliverdin. The products of this enzymatic 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.

## Validation Images

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



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