

# Anti-Heme Oxygenase 1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

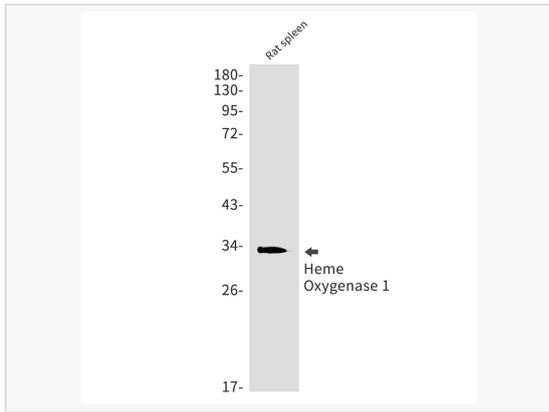
Catalog # R012642

## Product Information

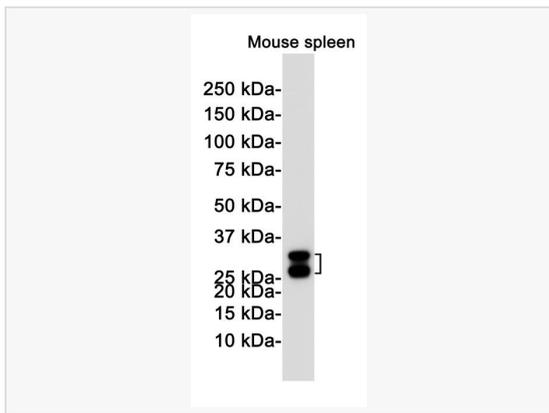
Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	63L90M37
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of Heme 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 [63L90M37] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

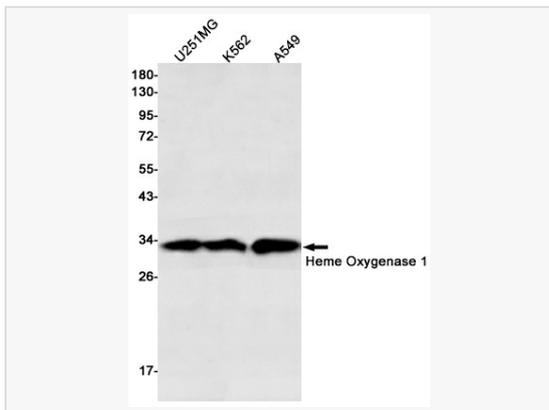
Synonyms	HO-1, HSP32, HMOX1, , HO1.
Calculated MW	Calculated MW: 33 kDa; Observed MW: 33 kDa
Uniprot ID	P09601
Gene ID	3162
Background	Hemeoxygenase (HO) is the rate-limiting enzyme in the catabolism of heme that results in the release of carbon monoxide, iron, and biliverdin. The products of this enzymatic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



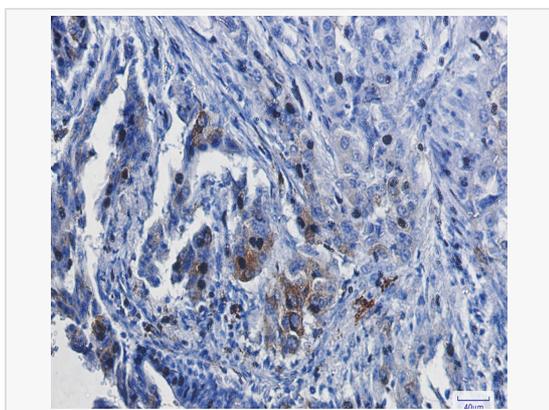
Western blot analysis of Heme Oxygenase 1 in rat spleen lysates using Heme Oxygenase 1 antibody.



Western blot analysis of Heme Oxygenase 1 in mouse spleen lysates using Heme Oxygenase 1 antibody.



Western blot analysis of Heme Oxygenase 1 in U251MG, K562, A549 lysates using Heme Oxygenase 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Heme Oxygenase 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.