

Hmox1 monoclonal antibody, clone M174

Catalog # MAB2287

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against Hmox1.
Immunogen	Rat Hmox1 (heme oxygenase 1).
Host	Mouse
Reactivity	Human, Mouse, Rat
Specificity	This antibody does not react with rabbit heme oxygenase I or heme oxygenase 2. This antibody will inhibit the activity of human or rat heme oxygenase 1.
Form	Lyophilized
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (5-10 ug/mL) Immunohistochemistry (Frozen sections) (5-10 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM PBS, pH 7.4 (1% BSA, 0.09% sodium azide)
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with deionized water, store at -20°C with a recommended 0.1% sodium azide. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunohistochemistry (Frozen sections)
- Enzyme-linked Immunoabsorbent Assay

Gene Info — Hmox1

Entrez GeneID	24451
Gene Name	Hmox1
Gene Alias	HEOXG, Heox, Hmox, Ho-1, Ho1, hsp32
Gene Description	heme oxygenase (decycling) 1
Gene Ontology	Hyperlink
Other Designations	Heme oxygenase 1 heme oxygenase (decyclizing) 1

Publication Reference

- [Anti-apoptotic properties of carbon monoxide in porcine oocyte during in vitro aging.](#)

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Application: ICC, IF, Pig, Pig oocytes