

KD-Validated Anti-Heme Oxygenase 2 Mouse Monoclonal Antibody

Mouse monoclonal Antibody

Catalog # AGI2166

Product Information

Application	WB
Primary Accession	P30519
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	24GB13980
Calculated MW	36033
Gene Name	HMOX2
Aliases	HMOX2; Heme Oxygenase 2; HO-2; Heme Oxygenase (Decycling) 2; EC 1.14.14.18; EC 1.14.99.3; HO2
Immunogen	Recombinant protein of human HMOX2

Additional Information

Gene ID	3163
Other Names	Heme oxygenase 2, HO-2, 1.14.14.18, Heme oxygenase 2 soluble form, HMOX2, HO2

Protein Information

Name	HMOX2
Synonyms	HO2
Function	[Heme oxygenase 2]: Catalyzes the oxidative cleavage of heme at the alpha-methene bridge carbon, released as carbon monoxide (CO), to generate biliverdin IXalpha, while releasing the central heme iron chelate as ferrous iron.
Cellular Location	Microsome membrane; Single-pass type IV membrane protein; Cytoplasmic side {ECO:0000250 UniProtKB:P09601}. Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:P09601}; Single-pass type IV membrane protein; Cytoplasmic side {ECO:0000250 UniProtKB:P09601}

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