

Product Datasheet

HO-1 (Rat) Antibody: FITC (orb376895)

Description	Mouse monoclonal antibody against HO-1 conjugated to FITC.
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	FITC
Tested Applications	ICC, IF, IHC
Immunogen	His-tagged Rat HO-1
Target	HO-1
Preservatives	640.91mM DMSO, 136.36mM Ethanolamine, 9.09mM Sodium Bicarbonate in 90.9% PBS
Concentration	1 mg/ml
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Application notes	1 µg/ml of SMC-234 was sufficient for detection of HO-1 in 10 µg of rat kidney lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Isotype	IgG1 Kappa
Clonality	Monoclonal
Clone Number	6B8-2F2
MW	32kDa
Uniprot ID	P06762

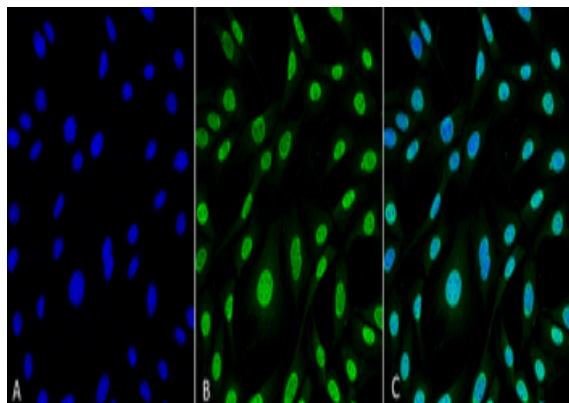
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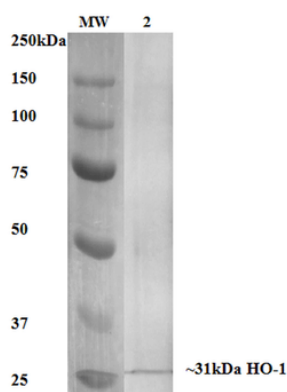
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NCBI	NP_036712.1
Entrez	24451
Dilution Range	WB (1:1000), ICC/IF (1:100)
Expiration Date	12 months from date of receipt.



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-HO-1 (Rat) Monoclonal Antibody, Clone 6B8-2F2. Tissue: Fibroblast cell line (NIH 3T3). Species: Mouse. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-HO-1 (Rat) Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: DAPI (blue) nuclear stain at 1:5000 for 5 min RT. Localization: Nucleus, Cytoplasm. Magnification: 60X.



Western Blot analysis of Human, Mouse, Rat Kidney Lysate showing detection of ~31 kDa HO-1 protein using Mouse Anti-HO-1 Monoclonal Antibody, Clone 6B8-2F2. Lane 1: MW Ladder. Lane 2: Rat Kidney Lysate. Block: 5% milk + TBST for 1 hour at RT. Primary Antibody: Mouse Anti-HO-1 Monoclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: HRP Goat Anti-Mouse at 1:50 for 1 hour at RT. Color Development: TMB solution for 5 min at RT. Predicted/Observed Size: ~31 kDa.

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