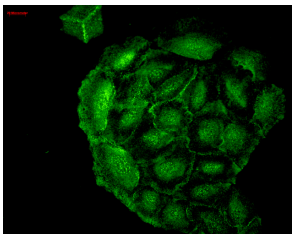
Anti-Heme Oxygenase 1 Antibody [1F12-A6] (A304771)

Specifications:

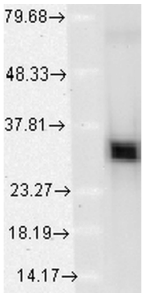
Name:	Anti-Heme Oxygenase 1 Antibody [1F12-A6]
Description:	Mouse monoclonal [1F12-A6] antibody to Heme Oxygenase 1.
Applications:	WB, IHC, ICC/IF, IP, ELISA
Recommended Dilutions:	WB: 1:1,000, IHC: 1:100, ICC/IF: 1:100
Reactivity:	Human, Mouse, Rat, Bovine, Canine, Guinea Pig, Hamster, Monkey, Porcine, Rabbit
Cross Reactivity:	This antibody does not cross-react with HO-2.
Immunogen:	Human HO-1 synthetic peptide, amino acids 1-30.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	1F12-A6
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein G purification.
Concentration:	1 mg/ml
Molecular Weight:	32 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.4, with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Anti-Heme Oxygenase 1 Antibody [1F12-A6] (A304771)

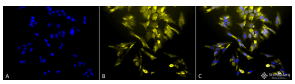
Images:



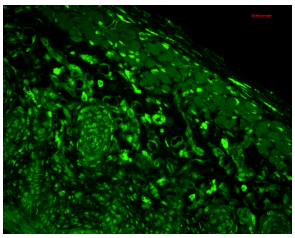
Immunocytochemistry/Immunofluorescence analysis of human HaCaT cells, fixed in cold 100% methanol for 10 minutes at -20°C, using Anti-Heme Oxygenase 1 Antibody [1F12-A6] (A304771), at 1:100 for 1 hour at room temperature. The secondary antibody used was FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at room temperature. Localization: Cell-cell border staining in epidermis, punctuate nuclear staining..



Western blot analysis of human Cervical cancer cell line (HeLa) lysate showing detection of HO-1 protein using Anti-Heme Oxygenase 1 Antibody [1F12-A6] (A304771) at 1:1,000 for 2 hours at room temperature. Load: 15 µg. Block: 1.5% BSA for 30 minutes at room temperature. The secondary antibody used was Sheep Anti-Mouse IgG: HRP for 1 hour at room temperature.



Immunocytochemistry/Immunofluorescence analysis of human cervical cancer cell line (HeLa), fixed in 2% formaldehyde for 20 minutes at room temperature, using Anti-Heme Oxygenase 1 Antibody [1F12-A6] (A304771), at 1:100 for 12 hours at 4°C. The secondary antibody used was R-PE Goat Anti-Mouse (yellow) at 1:200 for 2 hours at room temperature. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at room temperature. Localization: Microsome. Endoplasmic reticulum. Localizes to the nucleus upon hypoxia. Magnification: 20x.(A) DAPI (blue) nuclear stain. (B) Anti-HO-1 Antibody. (C) Composite.



Immunohistochemistry analysis of mouse backskin, fixed in Bouin's fixative solution and paraffin-embedded. The Primary Antibody used was Anti-Heme Oxygenase 1 Antibody [1F12-A6] (A304771) at 1:100 for 1 hour at room temperature. The secondary antibody used was FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at room temperature. Localization: muscle, dermis, hair follicles, epidermis: nuclear everywhere and some cytoplasmic staining.