

Heme Oxygenase 1 antibody [GT664]

Cat. No. GTX633693

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, ELISA, Sandwich ELISA
Reactivity	Human

Reference (2)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX633693, Detection: GTX101147

Not tested in other applications.

Calculated MW 33 kDa. ([Note](#))**Product Note** This antibody is specific for human HMOX1 protein, and it does not cross react with human HMOX2 protein.

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Heme Oxygenase 1. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated



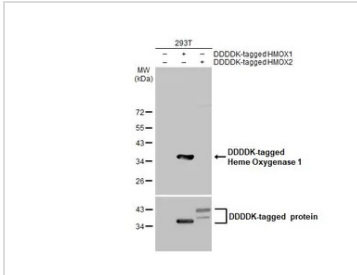
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Note

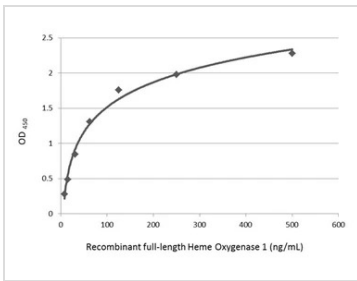
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DATA IMAGES



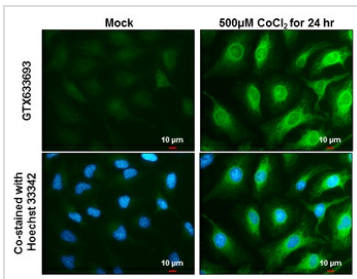
GTX633693 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Heme Oxygenase 1 antibody [GT664] (GTX633693) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



GTX633693 ELISA Image

Sandwich ELISA detection of recombinant full-length Heme Oxygenase 1 protein using GTX633693 as capture antibody at concentration of 5 µg/mL and GTX101147 as detection antibody at concentration of 1 µg/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.



GTX633693 ICC/IF Image

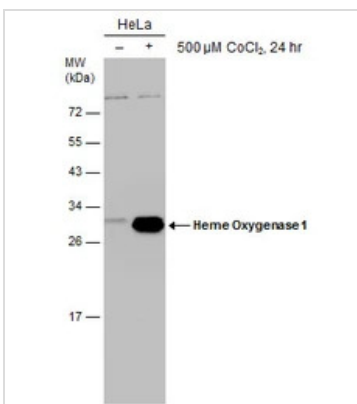
Heme Oxygenase 1 antibody [GT664] detects Heme Oxygenase 1 protein at endoplasmic reticulum by immunofluorescent analysis.

Sample: Mock and treated HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Heme Oxygenase 1 stained by Heme Oxygenase 1 antibody [GT664] (GTX633693) diluted at 1:2000.

Blue: Hoechst 33342 staining.

Scale bar= 10µm.



GTX633693 WB Image

Untreated (-) and treated (+) HeLa whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Heme Oxygenase 1 antibody [GT664] (GTX633693) diluted at 1:1000.



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