

## Heme Oxygenase 1 antibody [GT664]

## Cat. No. GTX633693

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

References ( 2 )

Package

100 µl, 25 µl

## Applications

## 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 preservatives
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



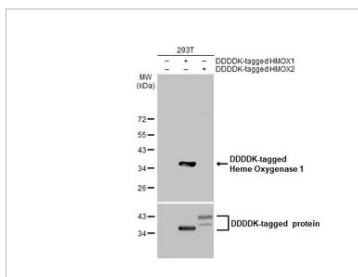
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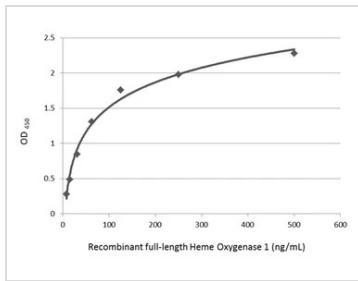
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**Note**

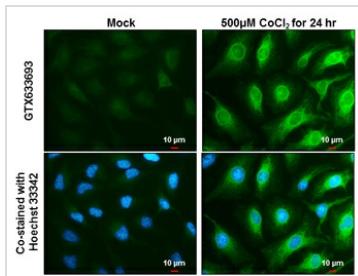
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**DATA IMAGES****GTX633693 WB Image**

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**

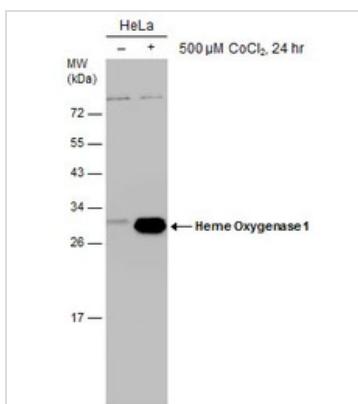
Heme Oxygenase 1 antibody [GT664] detects Heme Oxygenase 1 protein at endoplasmic reticulum by immunofluorescent analysis.

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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