9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-GPX1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1530

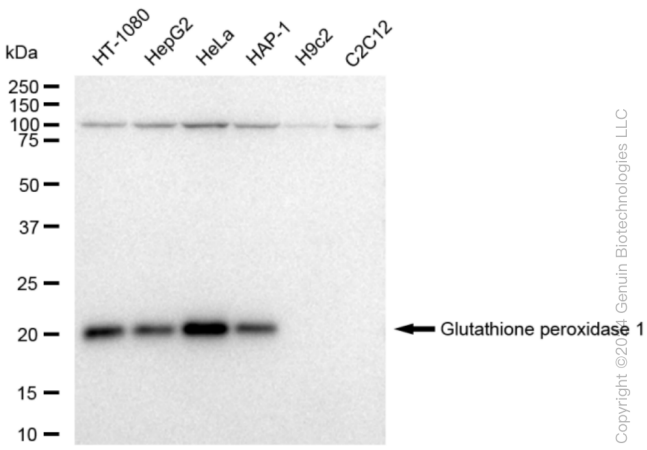
Product Overview

Name	KD-Validated Anti-GPX1 Rabbit Monoclonal Antibody
Accession(Primary)	P07203
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human GPX1
Species Reactivity	Human
Calculated MW	Predicted, 22 kDa , observed, 22 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 mmunocytochemistry (IC): 1:100-1:1,000

Target information (P07203)

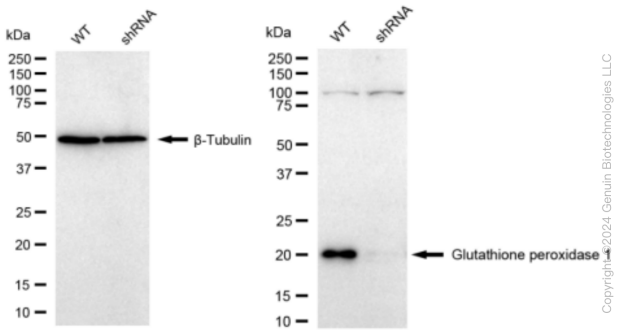
Gene Name	GPX1
About Gene Symbol	GPX1 (Glutathione Peroxidase 1) is a metabolic enzyme involved in oxidative stress response. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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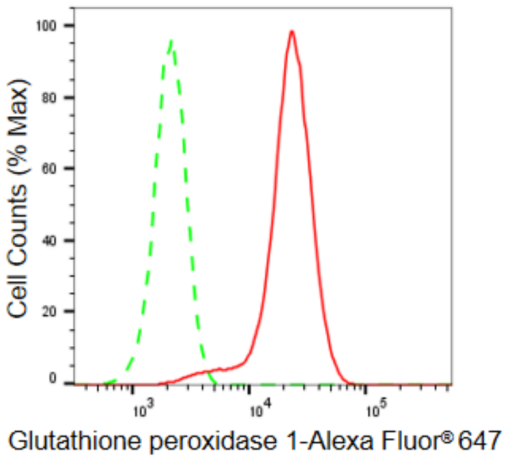
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Western blotting analysis using anti-Glutathione peroxidase 1 antibody (Cat#ABG1530). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Glutathione peroxidase 1 antibody (Cat#ABG1530, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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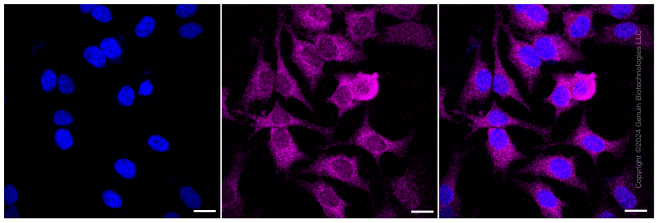
Western blotting analysis using anti-Glutathione peroxidase 1 antibody (Cat#ABG1530). Glutathione peroxidase 1 expression in wild type (WT) and Glutathione peroxidase 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Glutathione peroxidase 1 antibody (Cat#ABG1530, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Glutathione peroxidase 1 expression in HeLa cells using Glutathione peroxidase 1 antibody (Cat#ABG1530, 1:2,000). Green, isotype control; red, Glutathione peroxidase 1.

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Immunocytochemical staining of Hela cells with anti-Glutathione peroxidase 1 antibody (Cat#ABG1530, 1:1,000). Nuclei were stained blue with DAPI; Glutathione peroxidase 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.