Anti-Glutathione-disulfide reductase Recombinant Rabbit Monoclonal Antibody

Catalog #: 4355

Aliases

GSR; Glutathione-Disulfide Reductase; Glutathione Reductase, Mitochondrial; Glutathione S-Reductase; EC 1.8.1.7; GRase; GR; Epididymis Secretory Sperm Binding Protein Li 122m; Epididymis Luminal Protein 75; Glutathione Reductase; HEL-S-122m; EC 1.8.1; CNSHA10; HEL-75; GSRD; GLUR; GRD1

Background

Gene Name: GSR
NCBI Gene Entry: 2936
UniProt Entry: P00390

Application Information

Molecular Weight: Predicted, 56 kDa; observed, 50 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB10805
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Glutathione reductase

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000
Immunocytochemistry (IC): 1:100-1:1,000
Flow Cytometry (FCM): 1:2,00

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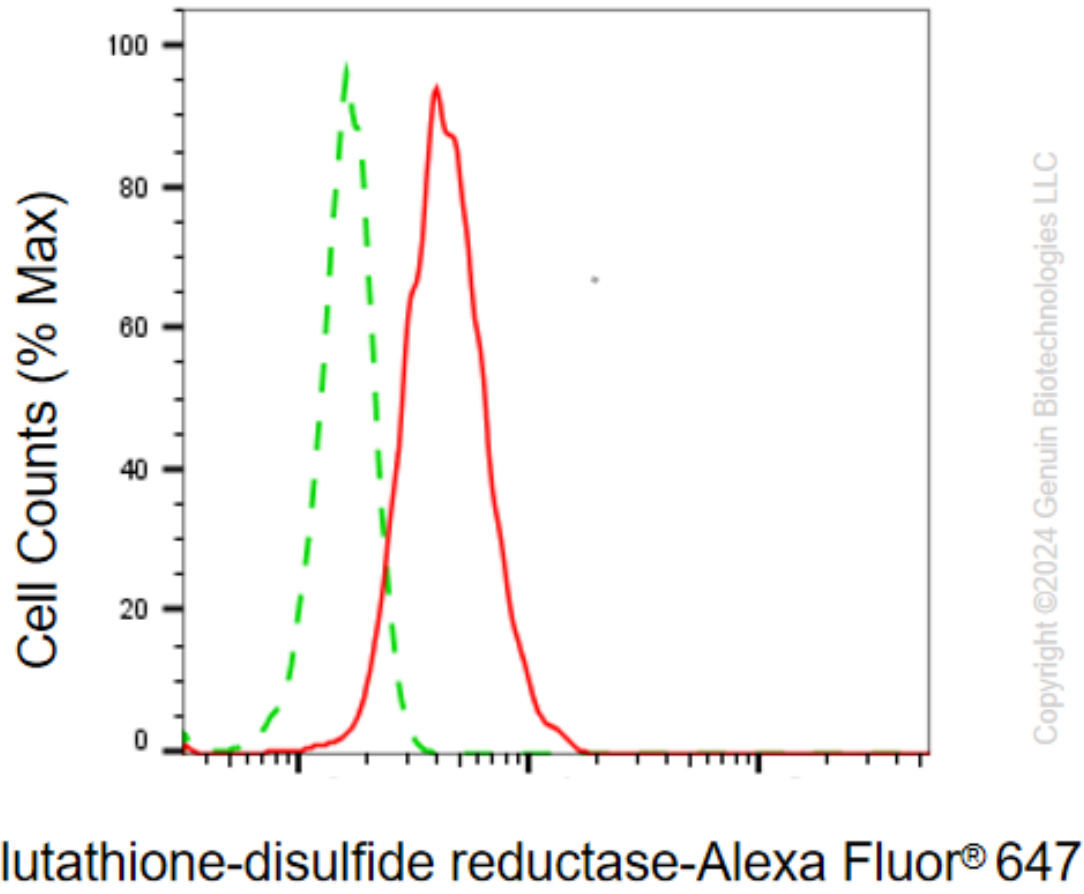
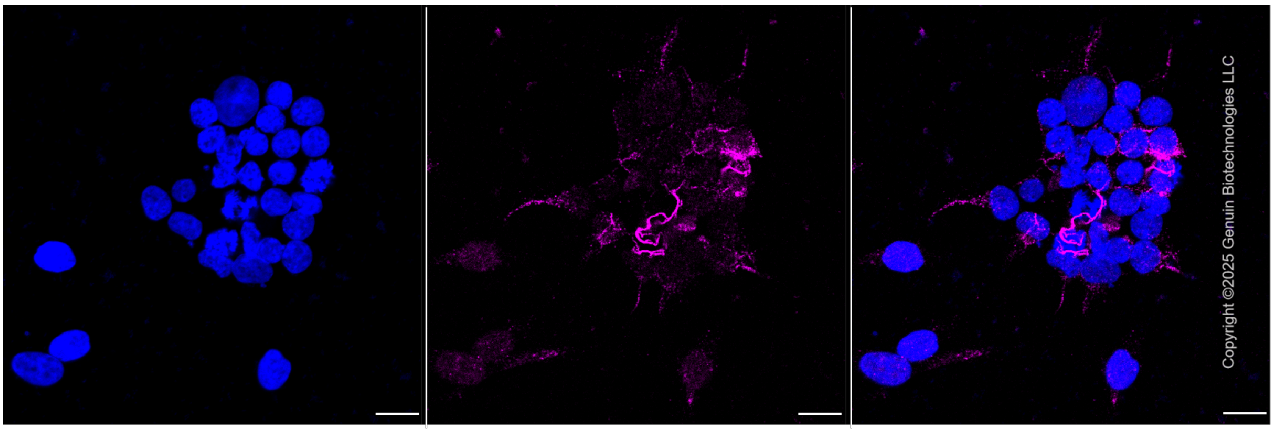
Note: This product is for research use only.

Validation Data



Flow cytometric analysis of Glutathione-disulfide reductase expression in HeLa cells using anti-Glutathione-disulfide reductase antibody (Cat#4355, 1:2,000). Green, isotype control; red, Glutathione-disulfide reductase.



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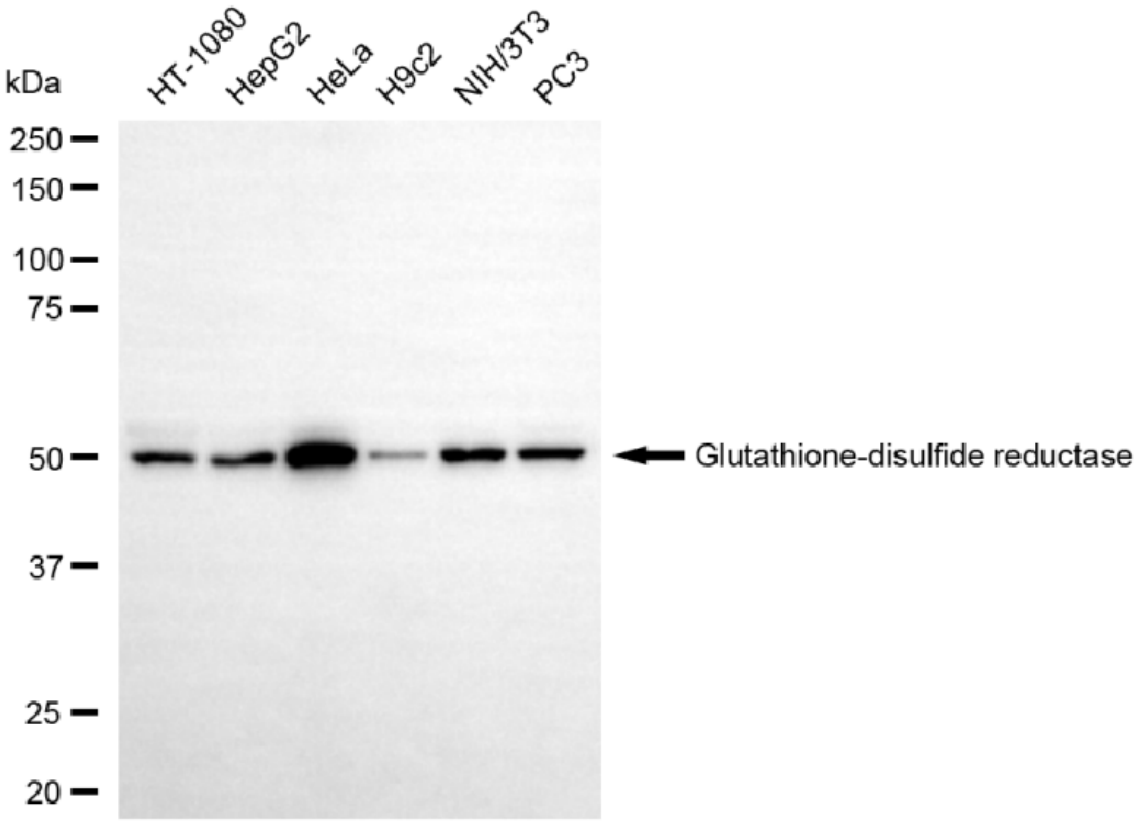
Immunocytochemical staining of Hela cells with anti-Glutathione-disulfide reductase antibody (Cat#4355, 1:1,000). Nuclei were stained blue with DAPI; Glutathione-disulfide reductase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Very low. Scale bar, 20 µm.



Western blotting analysis using anti-glutathione-disulfide reductase antibody (Cat#4355). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-glutathione-disulfide reductase antibody (Cat#4355, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).