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[KD-Validated] Anti-Peroxiredoxin 1 Rabbit Monoclonal Antibody

Cat No.: KD-10709

Aliases:

PRDX1; Peroxiredoxin 1; NKEFA; PAGA; Thioredoxin-Dependent Peroxide Reductase; Natural Killer Cell-Enhancing Factor A; Proliferation-Associated Gene Protein; Thioredoxin-Dependent Peroxiredoxin 1; Thioredoxin Peroxidase; Peroxiredoxin-1; NKEF-A; TDPX2; PAGB; PAG; Epididymis Secretory Sperm Binding Protein; Natural Killer-Enhancing Factor A; Proliferation-Associated Gene A; EC 1.11.1.24; EC 1.11.1.15; EC 1.11.1; MSP23; PRX1; PRXI

Background:

UniProt Entry: [Q06830](#);NCBI Gene Entry: [5052](#)

Application Information

Molecular Weight: Predicted, 22 kDa, observed, 22 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB2120 Species Reaceivity: Human, Mouse Applicseions Tsted: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human PRDX1

Isotype

Rabbit IgG

Storage Buffer

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

Storage

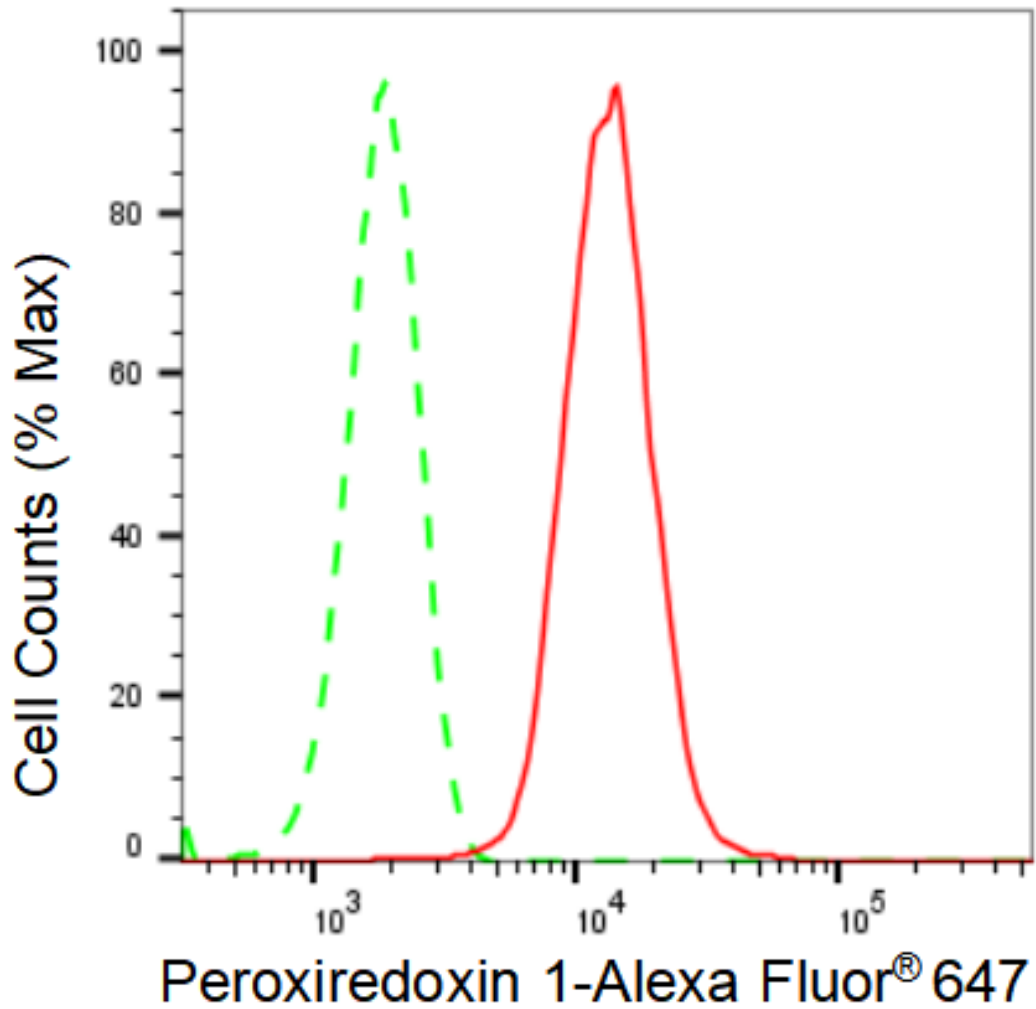
Store at -20 °C for one year.

Recommended Dilutions

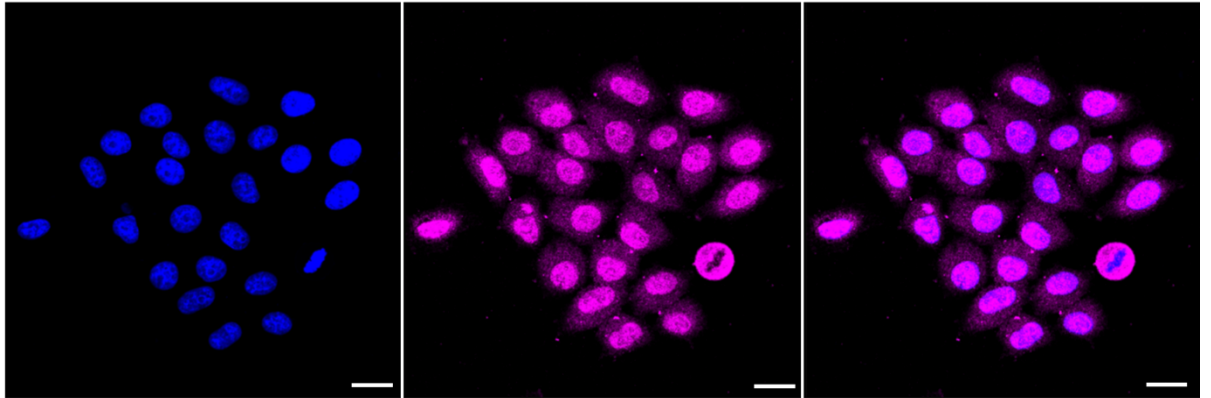
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:1,000

Protocols

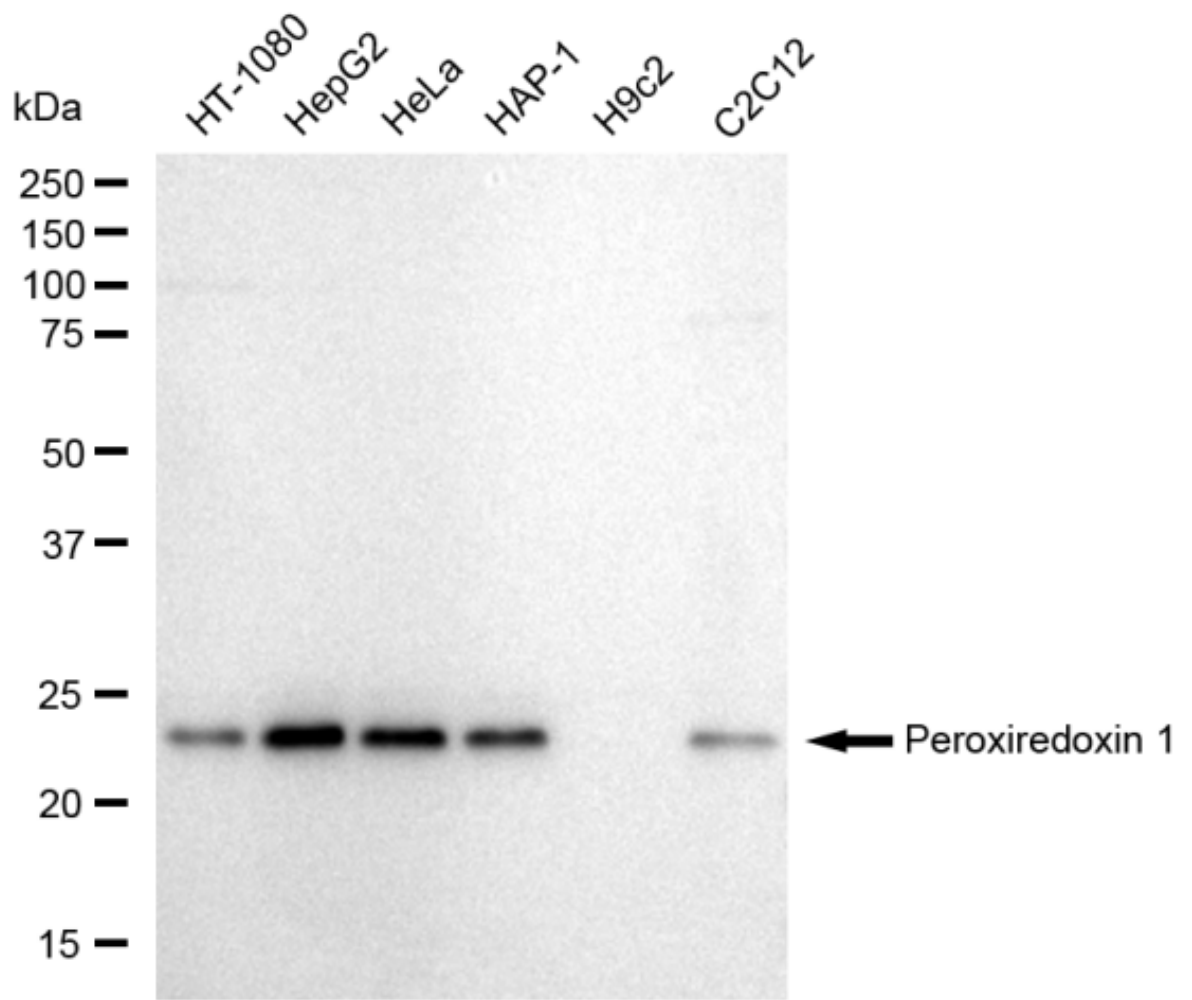
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



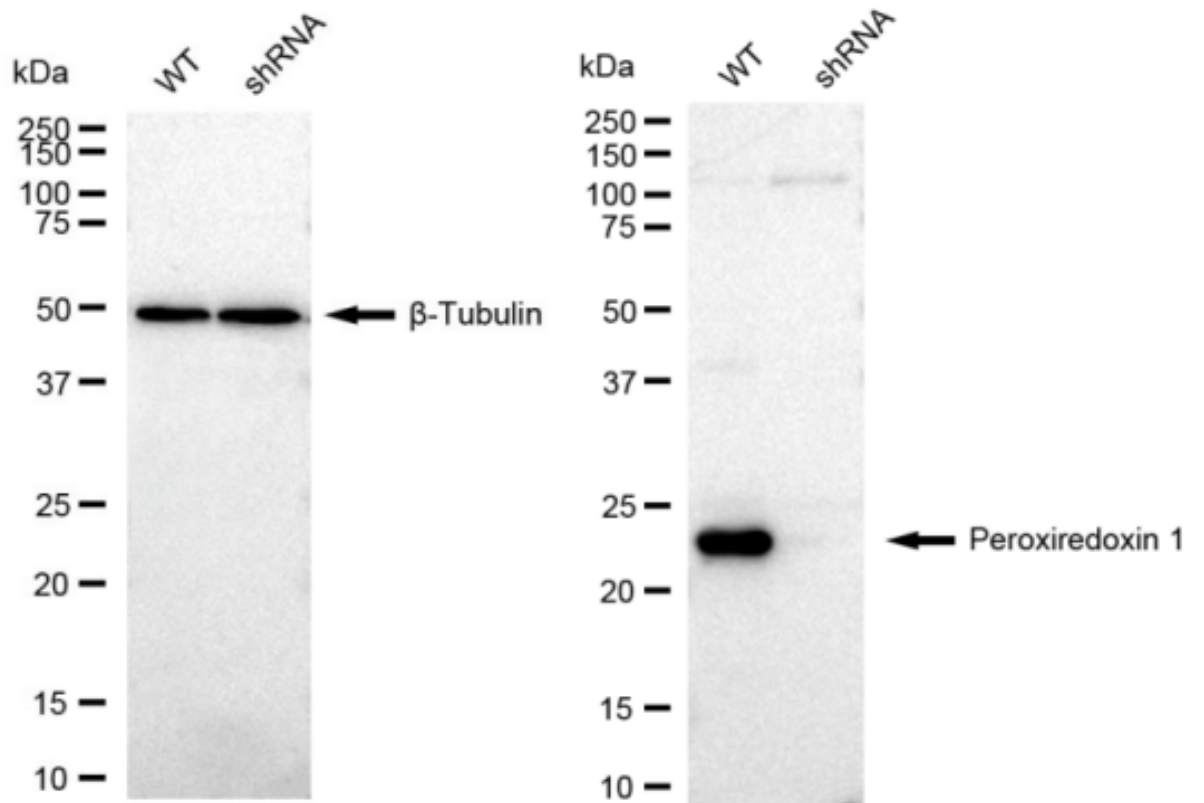
Flow cytometric analysis of Peroxiredoxin 1 expression in HepG2 cells using Peroxiredoxin 1 antibody 1:2,000. Green, isotype control; red, Peroxiredoxin 1.



Immunocytochemical staining of HepG2 cells with Peroxiredoxin 1 antibody 1:1,000. Nuclei were stained blue with DAPI; Peroxiredoxin 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.



Western blotting analysis using anti-Peroxiredoxin 1 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-Peroxiredoxin 1 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .