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[KD-Validated] Anti-Peroxiredoxin 6 Rabbit Monoclonal Antibody

Cat No.: KD-10713

Aliases:

Peroxiredoxin 6; AiPLA2; NSGPx; AOP2; KIAA0106; 1-Cys; PRX; P29; Acidic Calcium-Independent Phospholipase A2; Lysophosphatidylcholine Acyltransferase 5; Glutathione-Dependent Peroxiredoxin; Non-Selenium Glutathione Peroxidase; Red Blood Cells Page Spot 12; Lyso-PC Acyltransferase 5; LPC Acyltransferase 5; Antioxidant Protein 2; Liver 2D Page Spot 40; 1-Cys Peroxiredoxin; Peroxiredoxin-6; 24 KDa Protein; 1-Cys PRX; MGC46173; LPCAT-5; Epididymis Secretory Sperm Binding Protein Li 128m; EC 1.11.1.27; EC 1.11.1.15; EC 2.3.1.23; HEL-S-128m; EC 3.1.1.4

Background:

UniProt Entry: [P30041](#);NCBI Gene Entry: [9588](#)

Application Information

Molecular Weight: Predicted, 25 kDa, observed, 25 kDa Clonality: Rabbit monoclonal antibody Clone ID: 24GB910 Spncies Reactivity: Human, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human PRDX6

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.

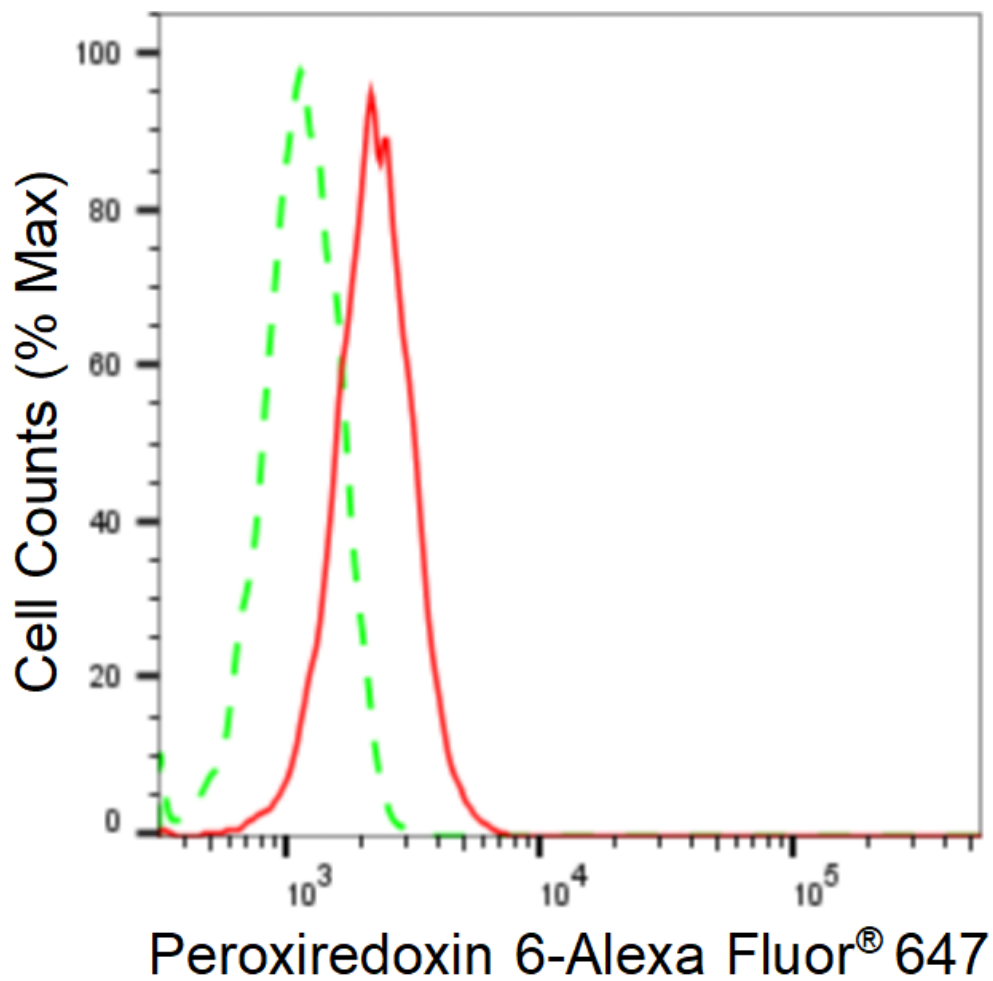
Recommended Dilutions

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

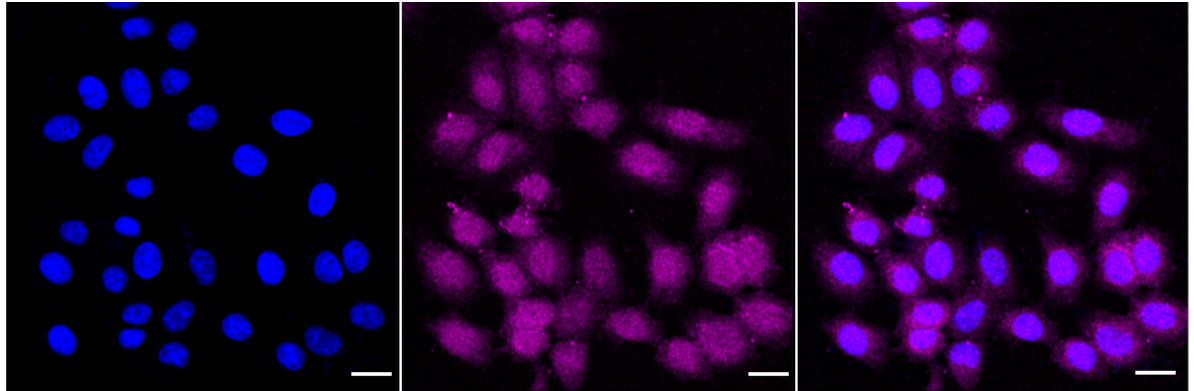
Immunocytochemistry (IC): 1:1,000

Protocols

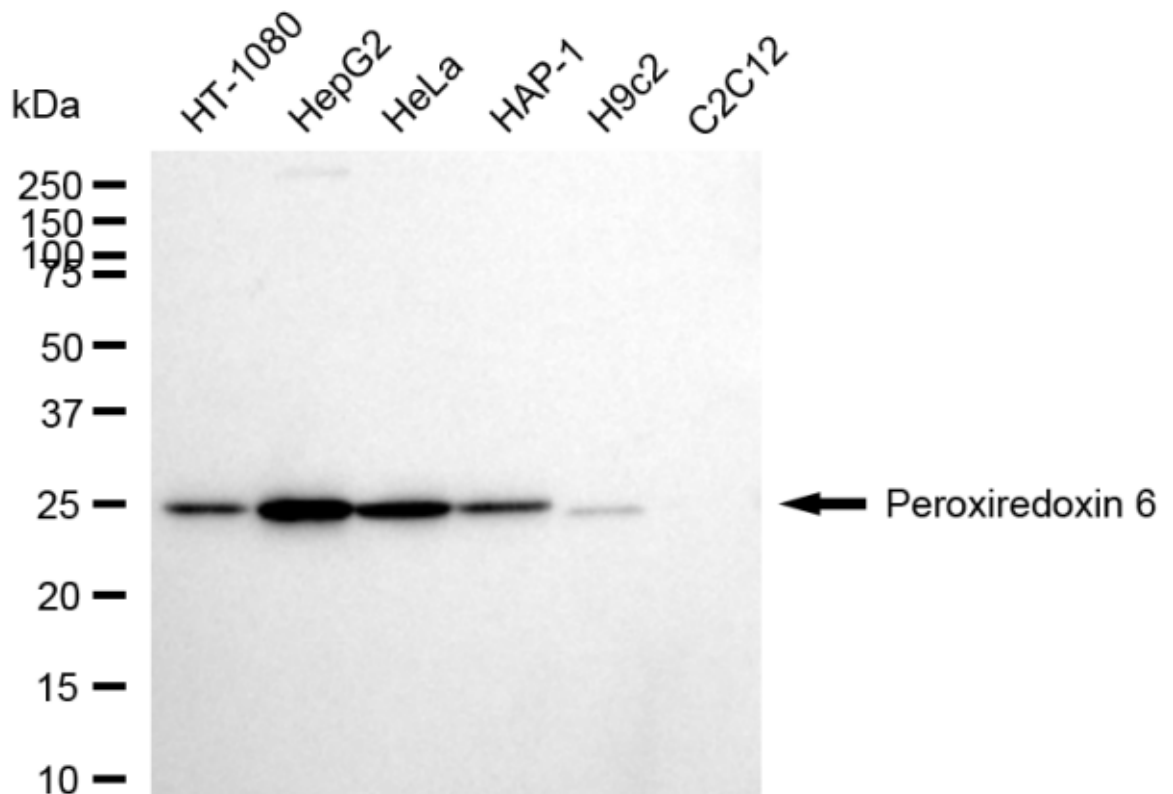
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



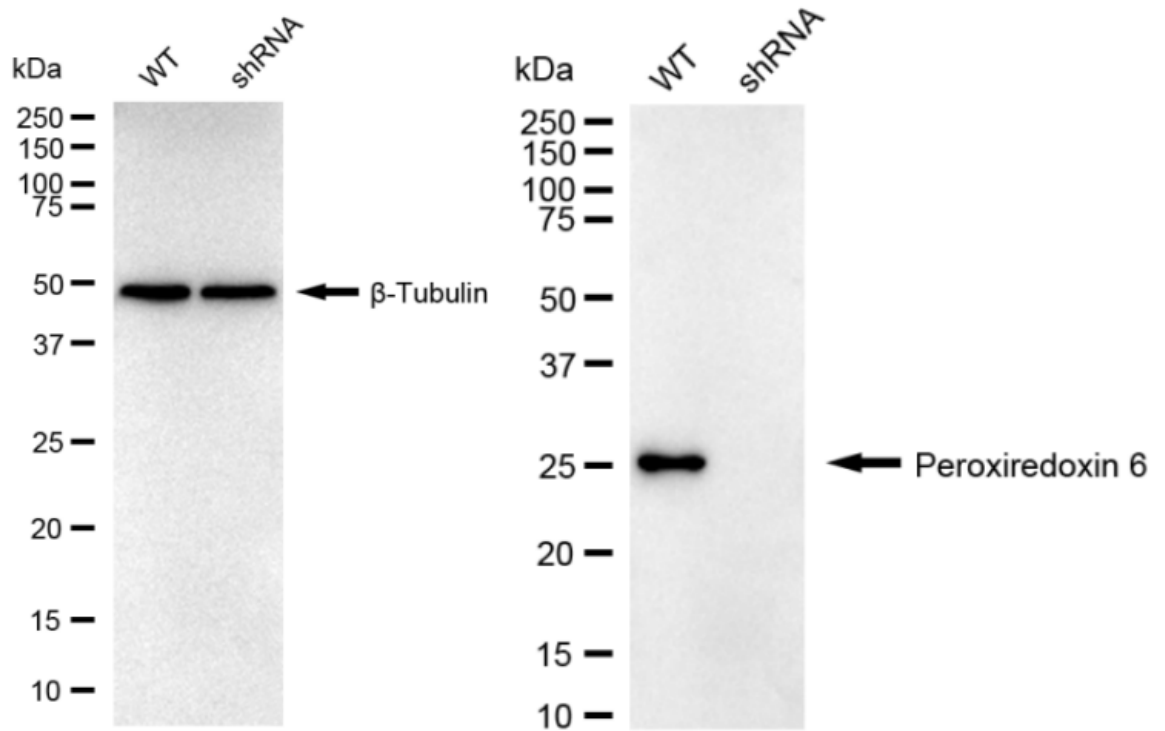
Flow cytometric analysis of Peroxiredoxin 6 expression in HepG2 cells using anti-Peroxiredoxin 6 antibody 1:2,000. Green, isotype control; red, Peroxiredoxin 6.



Immunocytochemical staining of HepG2 cells with anti-Peroxiredoxin 6 antibody 1:1,000. Nuclei were stained blue with DAPI; Peroxiredoxin 6 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-Peroxiredoxin 6 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 6 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using NaQ™ ECL Substrate Kit .