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[KD-Validated] Anti-Peroxiredoxin 5 Rabbit Monoclonal Antibody

Cat No.: KD-10712

Aliases:

Peroxiredoxin 5; AOEB166; ACR1; PLP; Peroxisomal Antioxidant Enzyme; Liver Tissue 2D-Page Spot 71B; Thioredoxin Peroxidase PMP20; Antioxidant Enzyme B166; TPx Type VI; SBBI10; PMP20; PRDX6; PRXV; B166; Thioredoxin-Dependent Peroxiredoxin 5; Peroxiredoxin-5, Mitochondrial; Alu Co-Repressor 1; Peroxiredoxin V; MGC142285; MGC117264; MGC142283; Prx-V; Epididymis Secretory Protein Li 55; Thioredoxin Reductase; Alu Corepressor 1; EC 1.11.1.24; EC 1.11.1.15; HEL-S-55

Background:

UniProt Entry: [P30044](#);NCBI Gene Entry: [25824](#)

Application Information

Molecular Weight: Predicted, 22 kDa, observed, 17 kDa Clonality: Rabbit monoclonal antibody Clone ID: 24GB1025 Species Reactivity: Human, Mouse, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM)

Immunogen

A synthesized peptide derived from human Peroxiredoxin 5

Isotype

Rabbit IgG

Storage Buffer

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

Storage

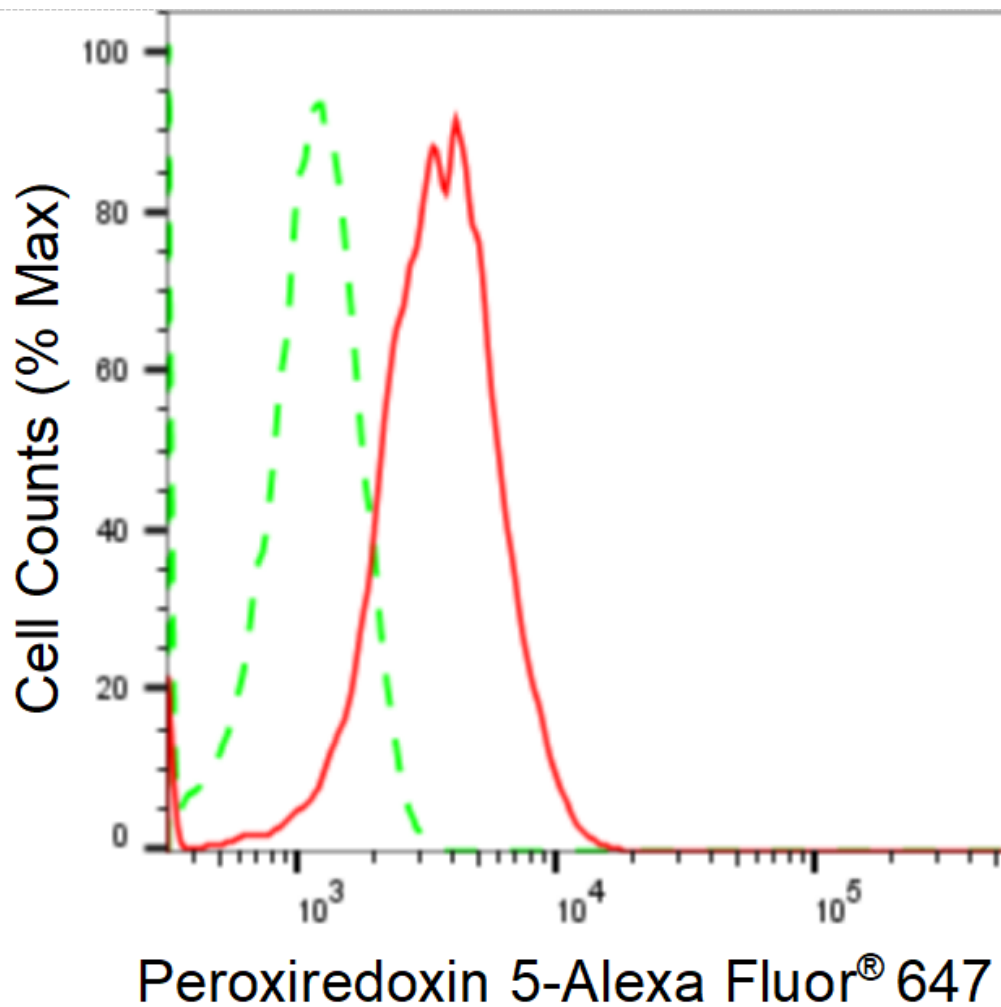
Store at -20 °C for one year.

Recommended Dilutions

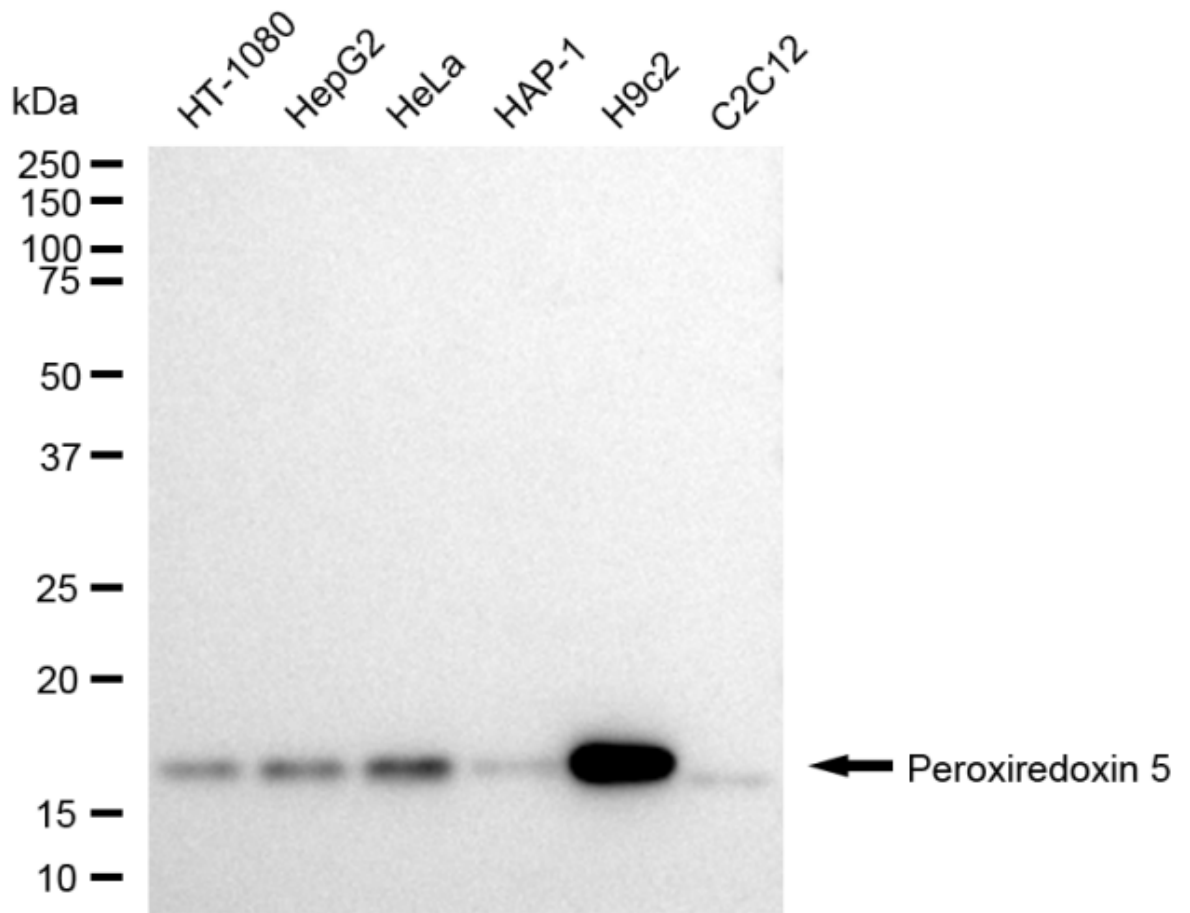
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

Protocols

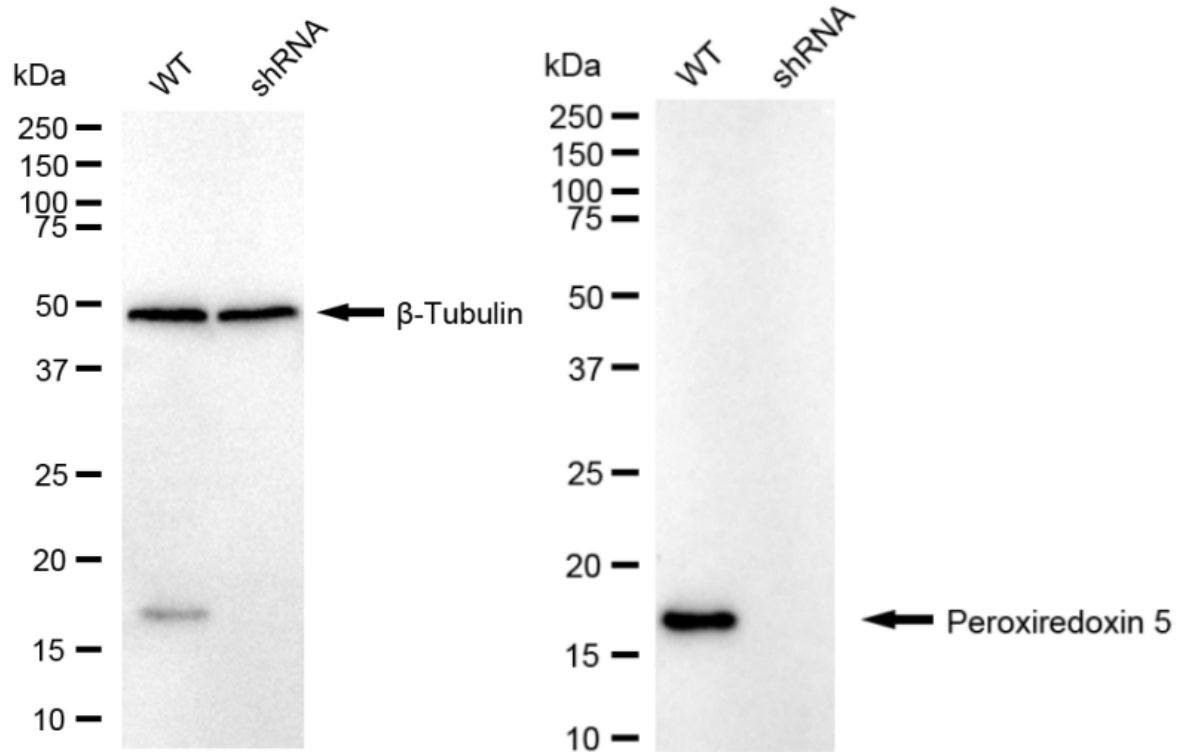
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



Flow cytometric analysis of Peroxiredoxin 5 expression in H9c2 cells using anti-Peroxiredoxin 5 antibody 1:2,000. Green, isotype control; red, Peroxiredoxin 5.



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