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[KD-Validated] Anti-Peroxiredoxin 4 Rabbit Monoclonal Antibody

Cat No.: KD-10711

Aliases:

Peroxiredoxin 4; AOE37-2; Thioredoxin-Dependent Peroxide Reductase A0372; Thioredoxin-Dependent Peroxiredoxin 4; Thioredoxin Peroxidase AO372; Antioxidant Enzyme AOE372; Peroxiredoxin IV; Peroxiredoxin-4; Prx-IV; Epididymis Secretory Sperm Binding Protein Li 97n; Thioredoxin Peroxidase (Antioxidant Enzyme); EC 1.11.1.24; EC 1.11.1.15; HEL-S-97n; AOE372; PRX-4

Background:

UniProt Entry: [Q13162](#);NCBI Gene Entry: [10549](#)

Application Information

Molecular Weight: Predicted, 31 kDa, observed, 27 kDa Clonality: Rabbit monoclonal antibody Clone ID: 24GB1570 Species Reactivity: Human, Mouse, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM)

Immunogen

A synthesized peptide derived from human Peroxiredoxin 4

Isotype

Rabbit IgG

Storage Buffer

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

Storage

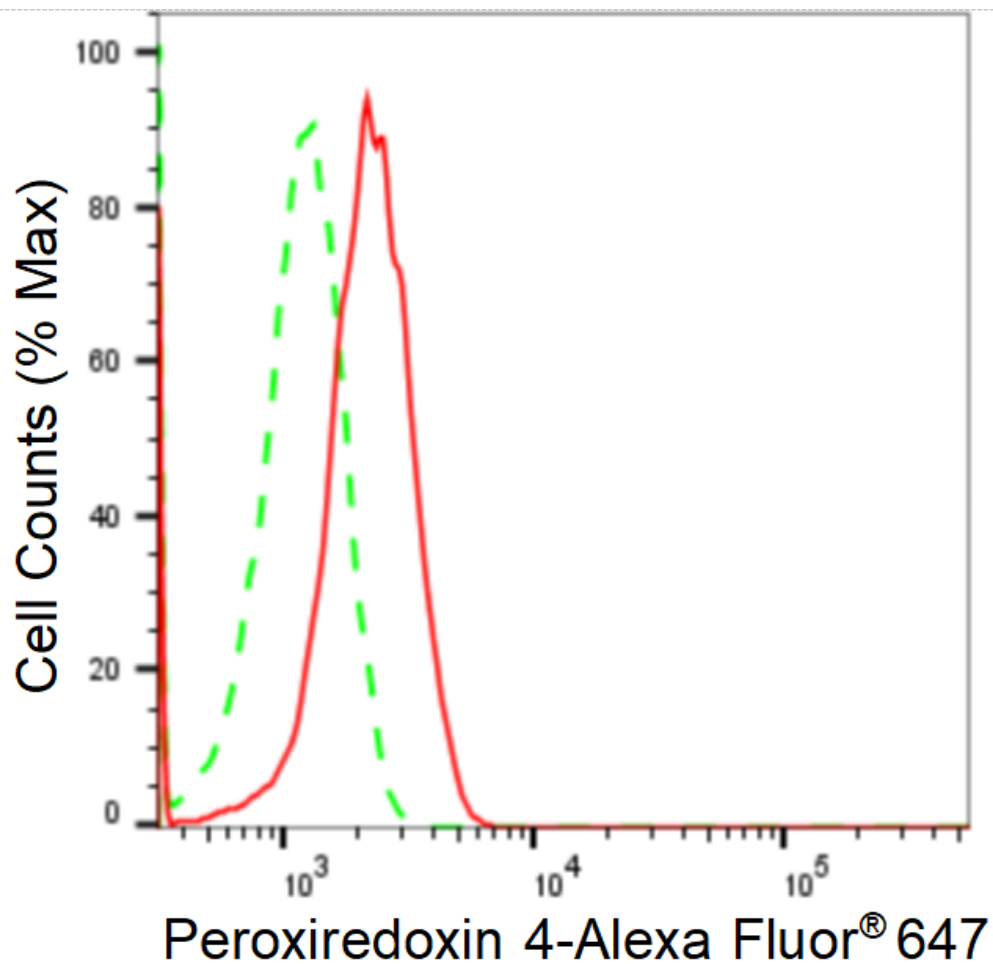
Store at -20 °C for one year.

Recommended Dilutions

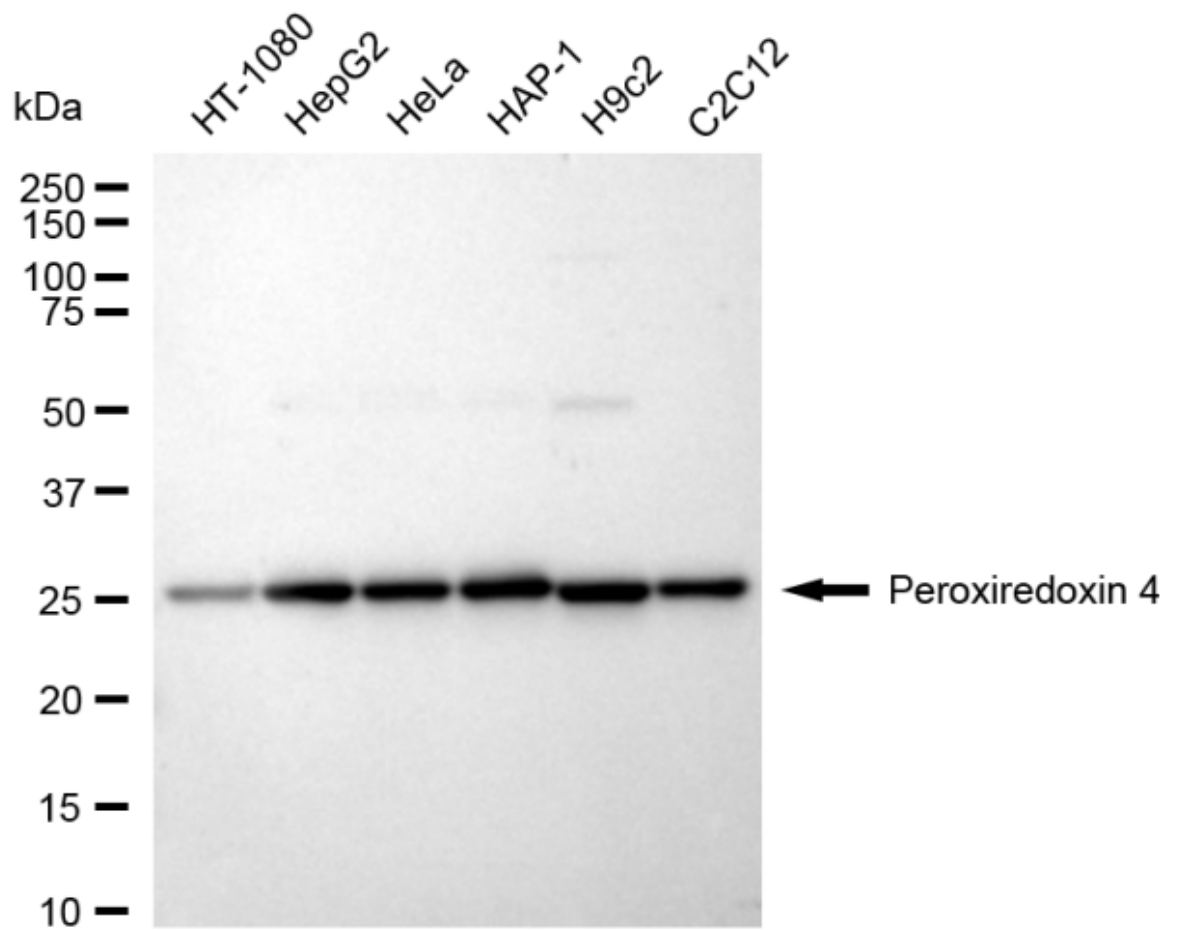
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

Protocols

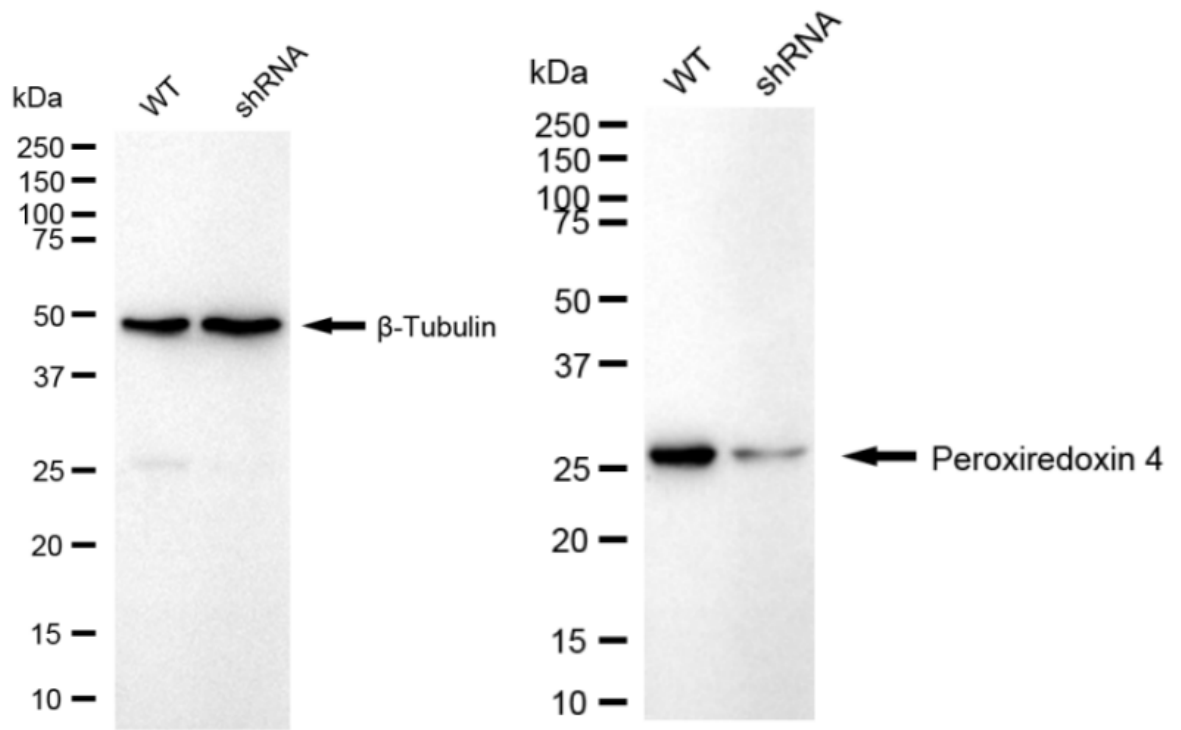
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



Flow cytometric analysis of Peroxiredoxin 4 expression in HAP-1 cells using anti-Peroxiredoxin 4 antibody 1:2,000. Green, isotype control; red, Peroxiredoxin 4.



Western blotting analysis using anti-Peroxiredoxin 4 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 4 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using NaQ™ ECL Substrate Kit .