

Anti-Peroxiredoxin 5 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4503

Aliases

Peroxiredoxin 5; AOEB166; ACR1; PLP; Peroxisomal Antioxidant Enzyme; Liver Tissue 2D-Page Spot 71B; Thioredoxin Peroxidase PMP20; Antioxidant Enzyme B166; TPx Type VI; SBB110; 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

Gene Name: PRDX5

NCBI Gene Entry: [25824](#)

UniProt Entry: [P30044](#)

Application Information

Molecular Weight: Predicted, 22 kDa; observed, 17 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB11545

Species Reactivity: Human, 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

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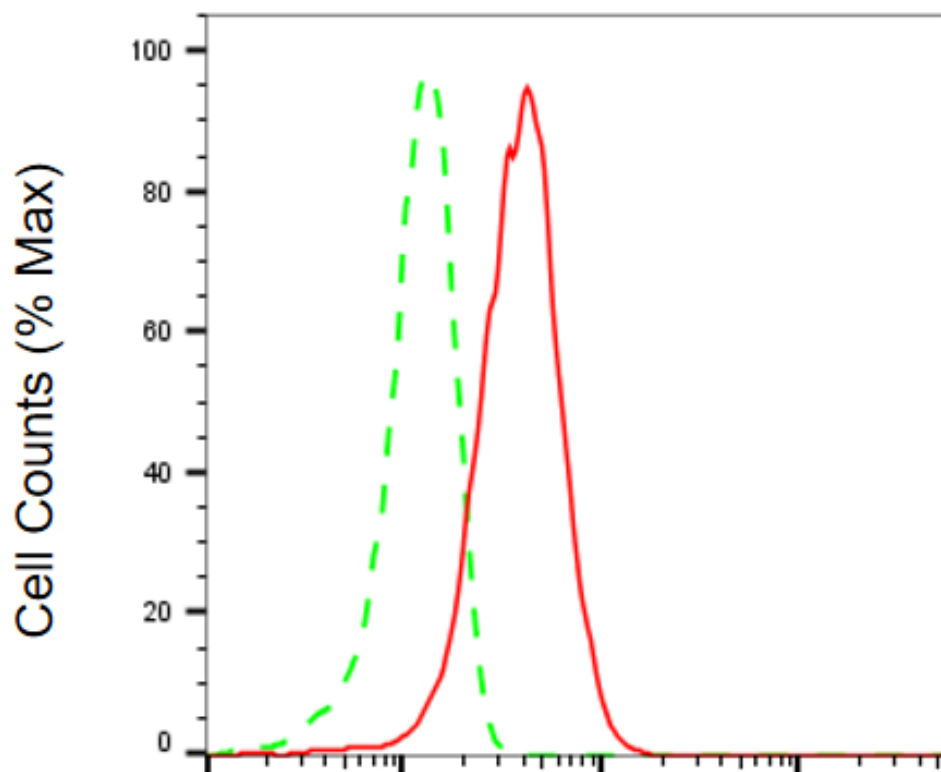
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Note: This product is for research use only.

Validation Data



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Peroxisredoxin 5-Alexa Fluor® 647

Flow cytometric analysis of Peroxisredoxin 5 expression in H9c2 cells using anti-Peroxisredoxin 5 antibody (Cat#4503, 1:2,000). Green, isotype control; red, Peroxisredoxin 5.

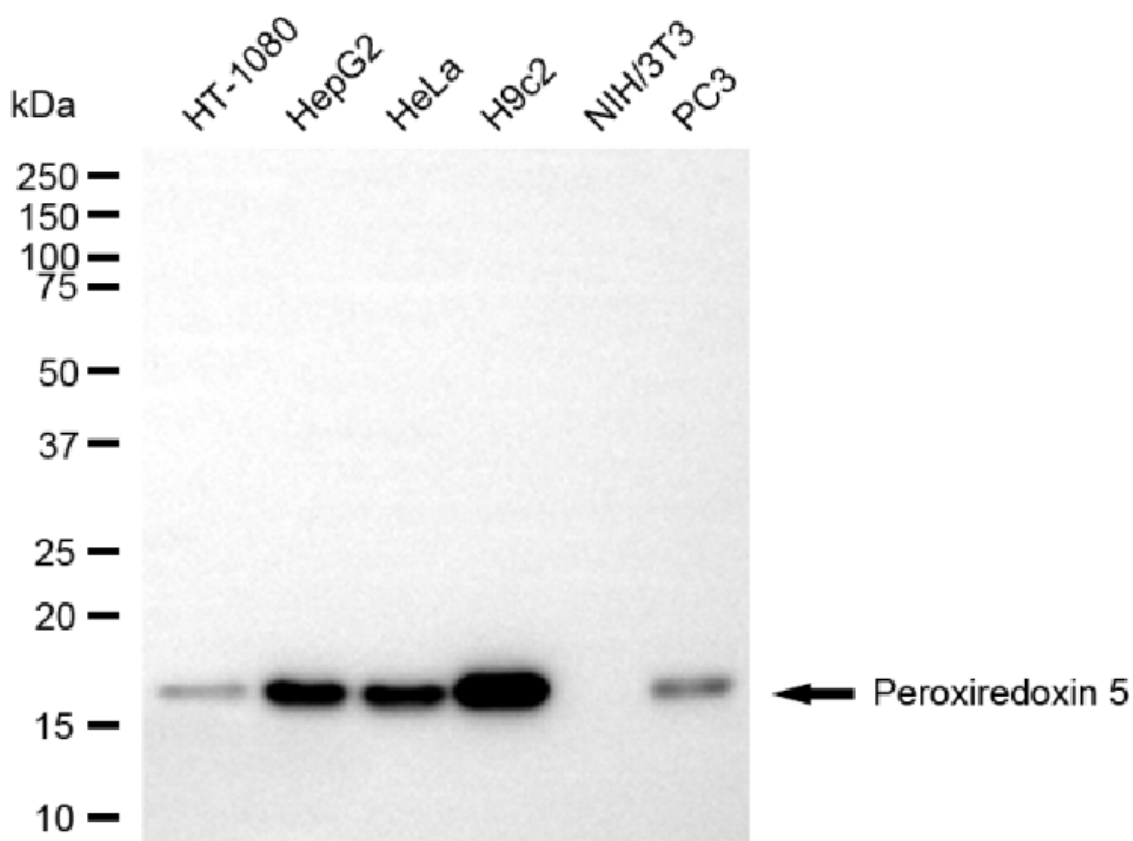
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Western blotting analysis using anti-peroxiredoxin 5 antibody (Cat#4503). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-peroxiredoxin 5 antibody (Cat#4503, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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