

Catalog #: 4698

Aliases

CAT; Catalase; EC 1.11.1.6; Epididymis Secretory Sperm Binding Protein

Background

Gene Name: CAT

NCBI Gene Entry: [847](#)

UniProt Entry: [P04040](#)

Application Information

Molecular Weight: Predicted, 60 kDa; observed, 60 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB12500

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human Catalase

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

Note: This product is for research use only.

Validation Data

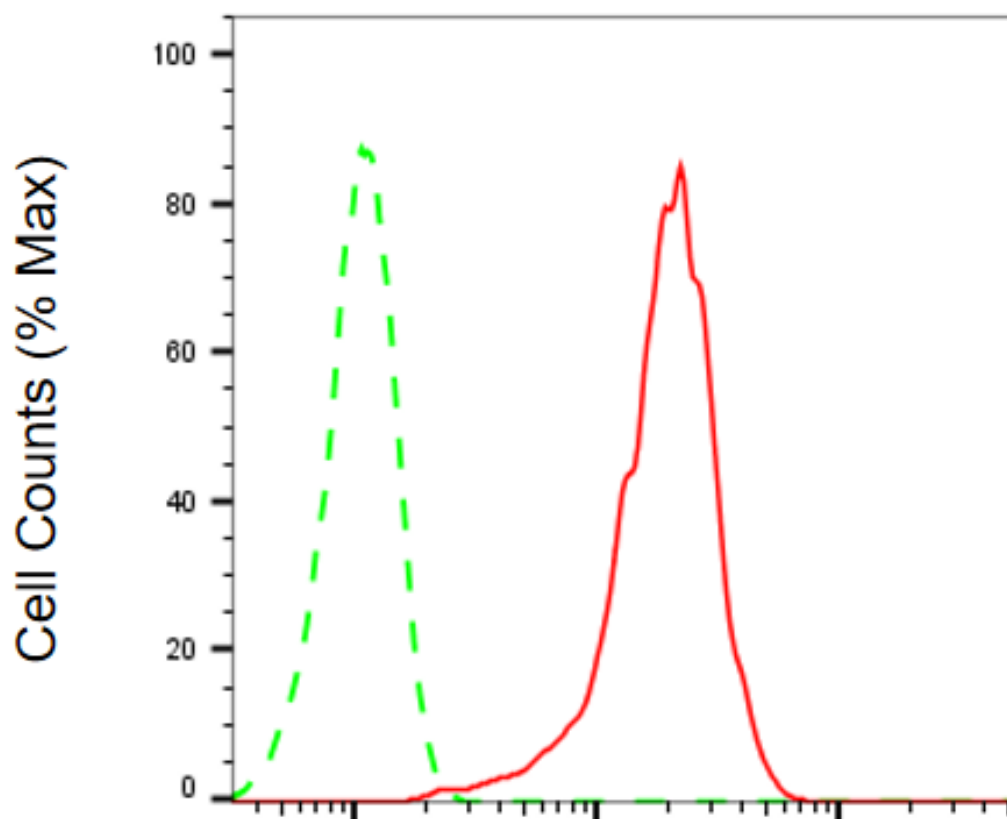
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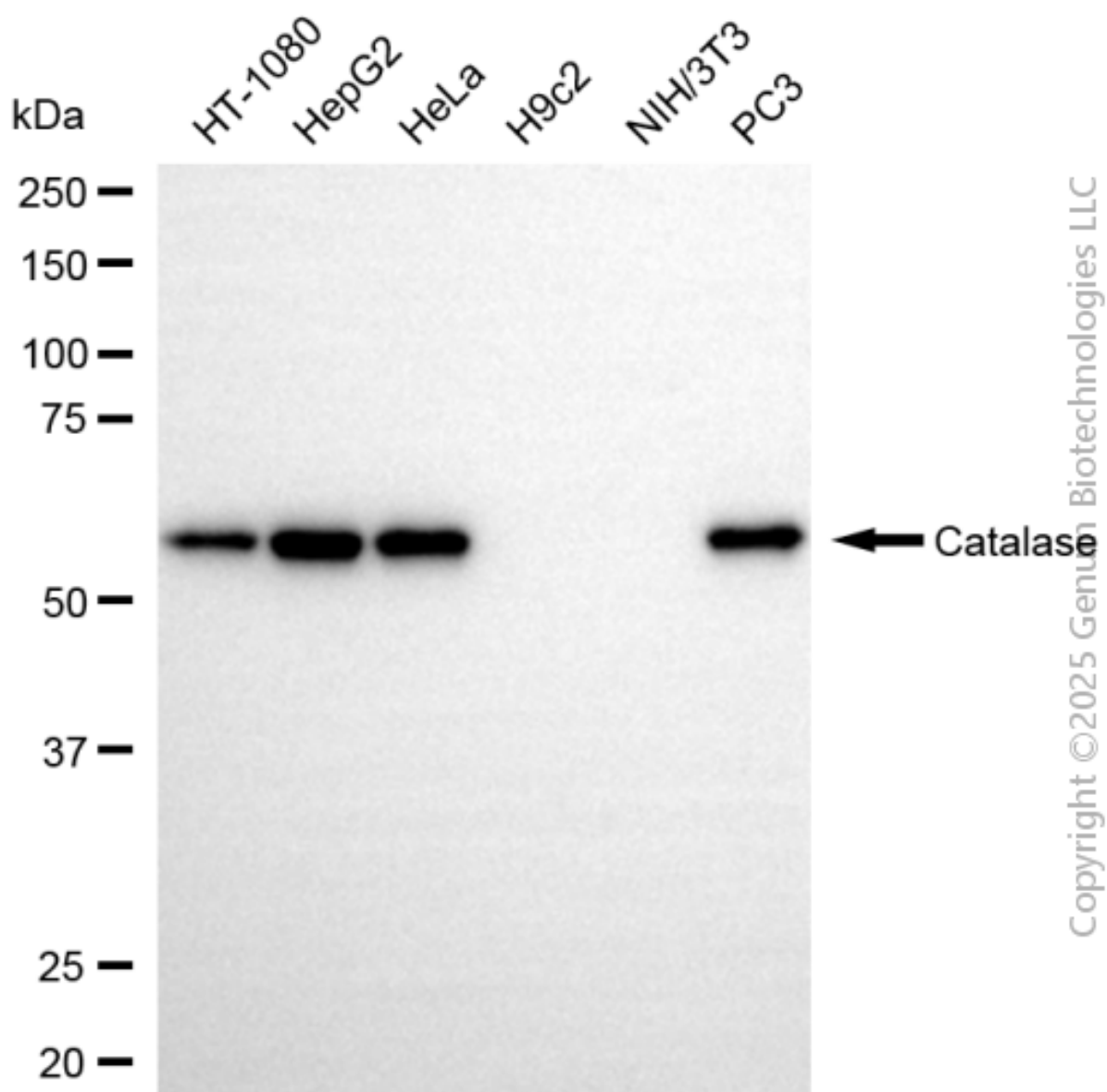
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Arginyltransferase 1-Alexa Fluor® 647

Flow cytometric analysis of Catalase expression in HeLa cells using anti-Catalase antibody (Cat#4698, 1:2,000). Green, isotype control; red, Catalase.



Western blotting analysis using anti-catalase antibody (Cat#4698). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-catalase antibody (Cat#4698, 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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