

KD-Validated Anti-Paraoxonase 2 Recombinant Rabbit Monoclonal Antibody



Catalog #: 62478

Aliases

Paraoxonase 2; Serum Paraoxonase/Arylesterase 2; Serum Aryldialkylphosphatase 2; Aromatic Esterase 2; Paraoxonase Nirs; Arylesterase 2; A-Esterase 2; PON 2; EC 3.1.1.81; EC 3.1.1.2

Background

Gene Name: PON2

NCBI Gene Entry: [5445](#)

UniProt Entry: [Q15165](#)

Application Information

Molecular Weight: Predicted, 39 kDa, observed, 39,41 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB1035

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human PON2

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): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

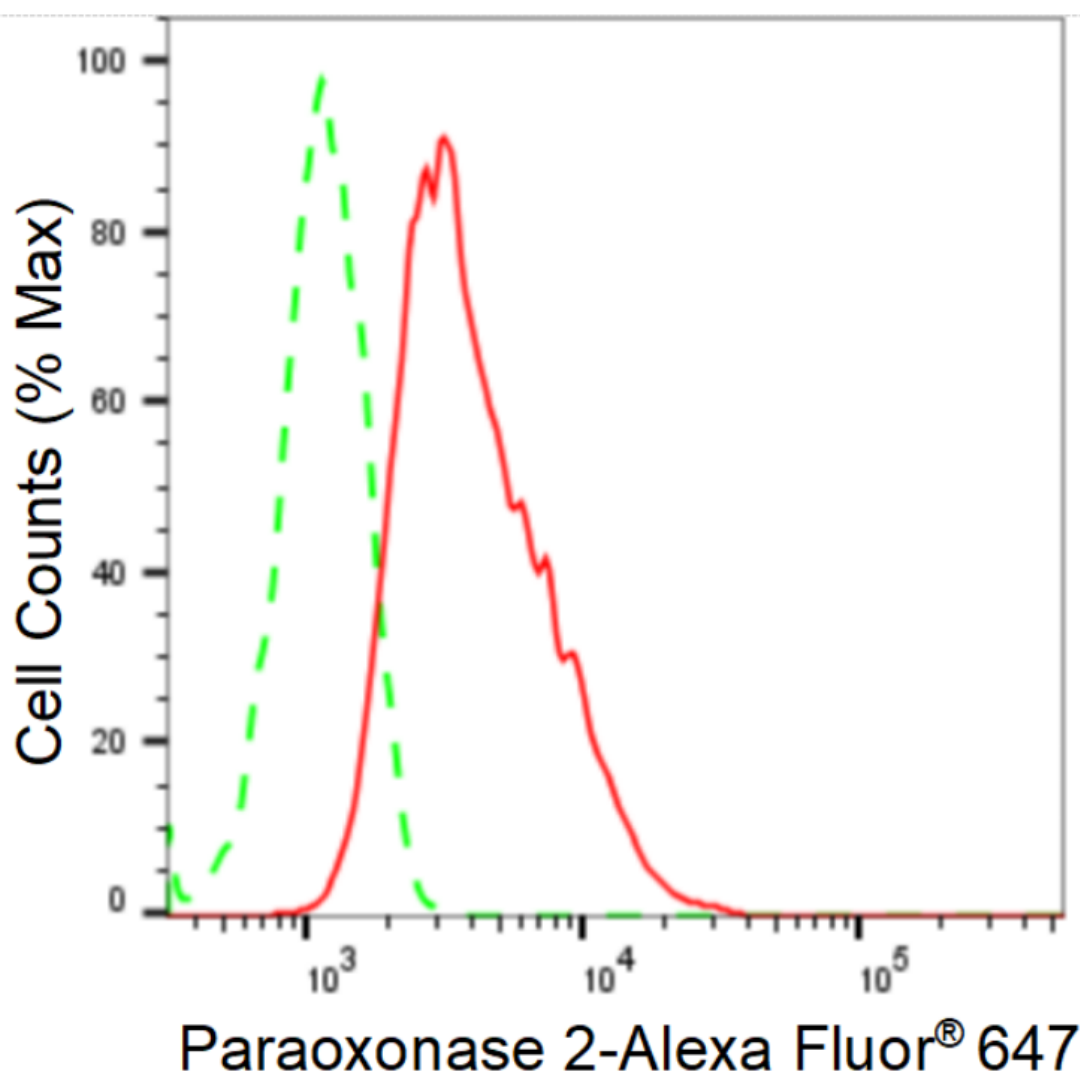
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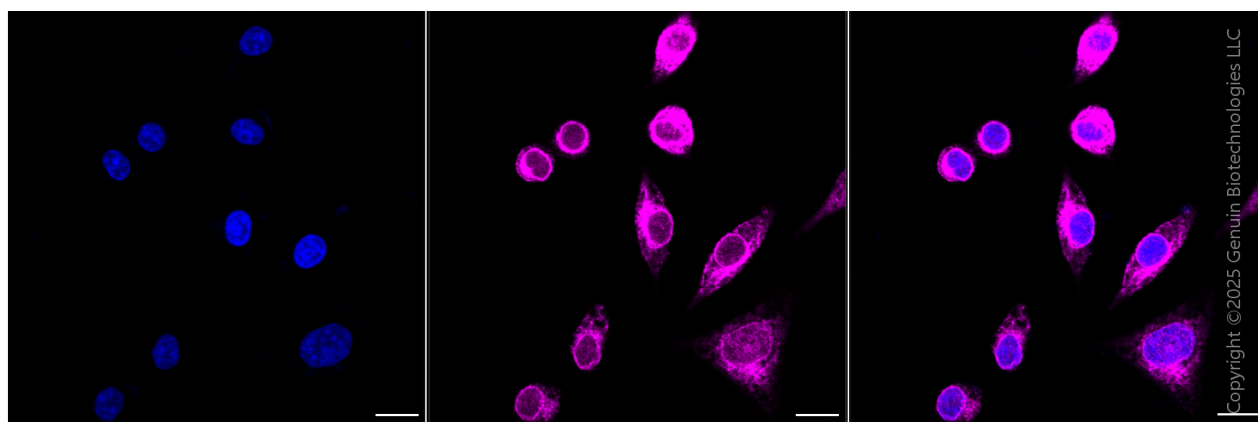
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Flow cytometric analysis of Paraoxonase 2 expression in HepG2 cells using anti-Paraoxonase 2 antibody (Cat#62478, 1:2,000). Green, isotype control; red, Paraoxonase 2.



Immunocytochemical staining of HepG2 cells with anti-Paraoxonase 2 antibody (Cat#62478, 1:1,000). Nuclei were stained blue with DAPI; Paraoxonase 2 was stained magenta with Alexa

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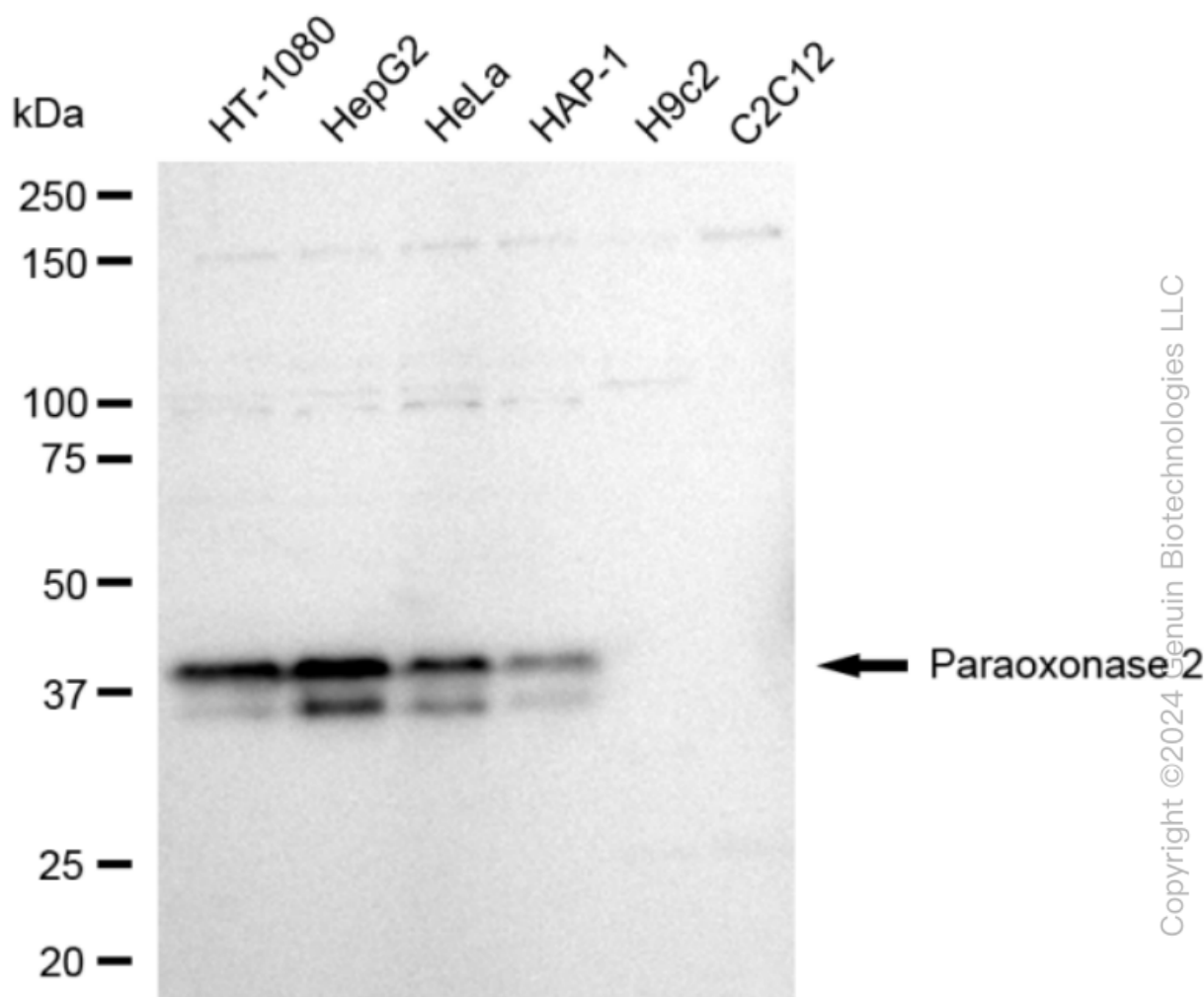
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Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 µm.



Western blotting analysis using anti-Paraoxonase 2 antibody (Cat#62478). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Paraoxonase 2 antibody (Cat#62478, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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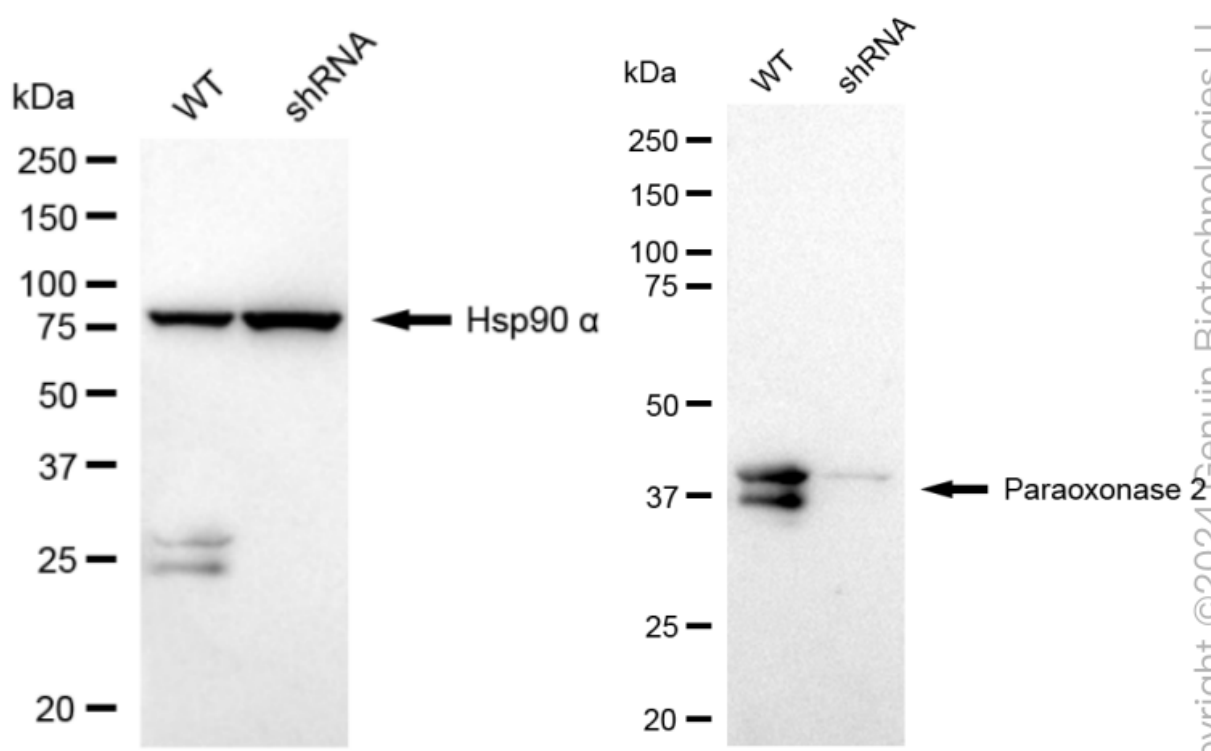
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Western blotting analysis using anti-Paraoxonase 2 antibody (Cat#62478). Paraoxonase 2 expression in wild type (WT) and Paraoxonase 2 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Paraoxonase 2 antibody (Cat#62478, 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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