9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Serine Racemase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1728

Product Overview

Name	KD-Validated Anti-Serine Racemase Rabbit Monoclonal Antibody
Accession(Primary)	Q9GZT4
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Serine racemase
Species Reactivity	Human
Calculated MW	Predicted, 37 kDa , observed , 34-36 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (Q9GZT4)

Gene Name	SRR
About Gene Symbol	SRR (Serine Racemase) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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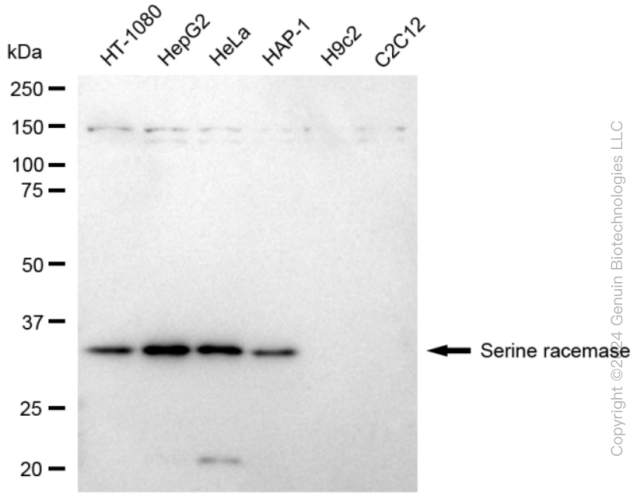

Western blotting analysis using anti-Serine racemase antibody (Cat#ABG1728). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Serine racemase antibody (Cat#ABG1728, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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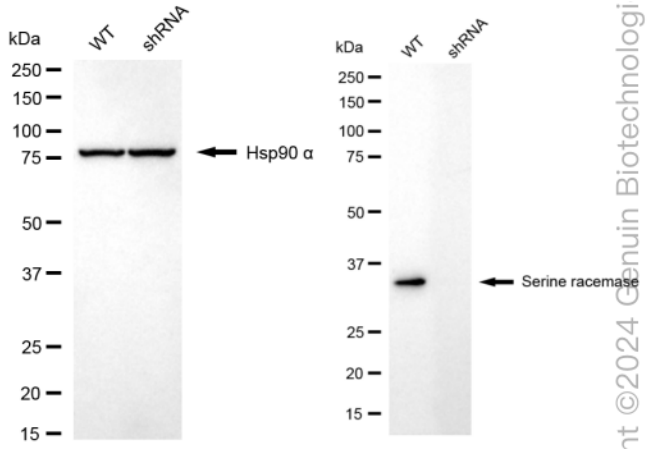

Western blotting analysis using anti-Serine racemase antibody (Cat#ABG1728). Serine racemase expression in wild type (WT) and Serine racemase shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Serine racemase antibody (Cat#ABG1728, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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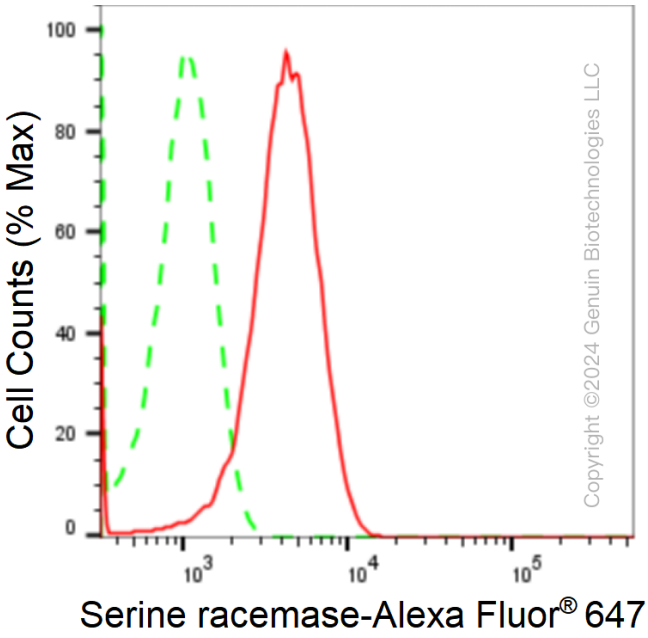

Flow cytometric analysis of Serine racemase expression in HepG2 cells using anti-Serine racemase antibody (Cat#ABG1728, 1:2,000). Green, isotype control; red, Serine racemase.

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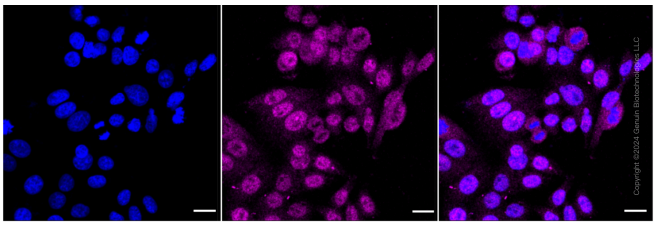

Immunocytochemical staining of HepG2 cells with anti-Serine racemase antibody (Cat#ABG1728, 1:1,000). Nuclei were stained blue with DAPI; Serine racemase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.