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

KD-Validated Anti-FARSB Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG2040

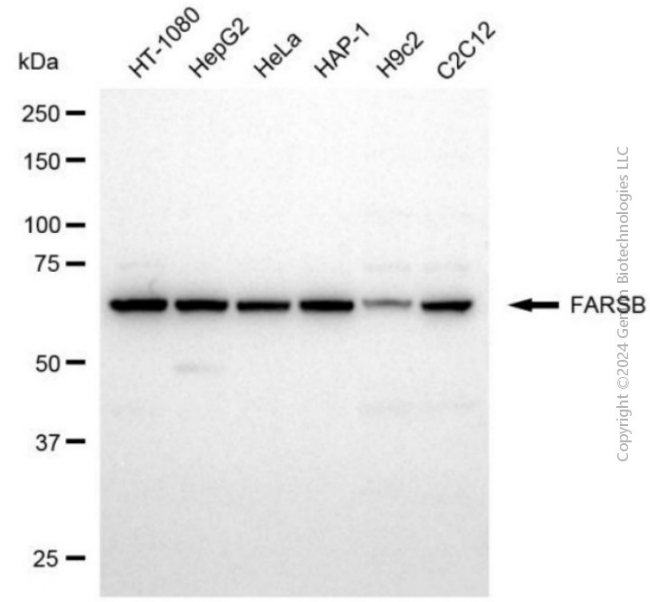
Product Overview

Name	KD-Validated Anti-FARSB Mouse Monoclonal Antibody
Accession(Primary)	Q9NSD9
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human FARSB
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 66 kDa, observed, 66 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:200-1:1,000 Flow Cytometry (FCM): 1:1,000

Target information (Q9NSD9)

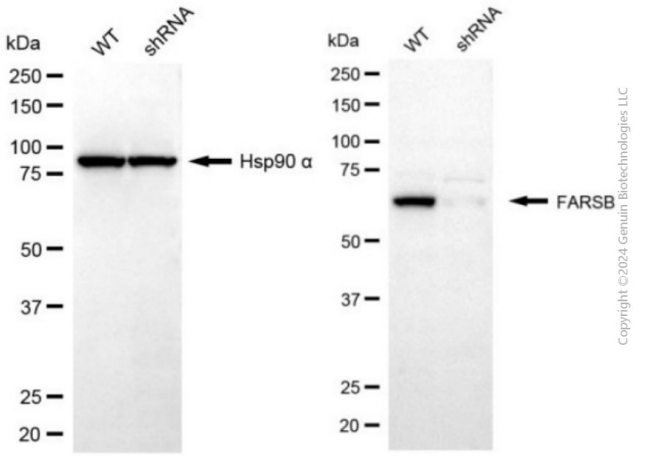
Gene Name	FARSB
About Gene Symbol	FARSB (Phenylalanyl-TRNA Synthetase Subunit Beta) is a biosynthetic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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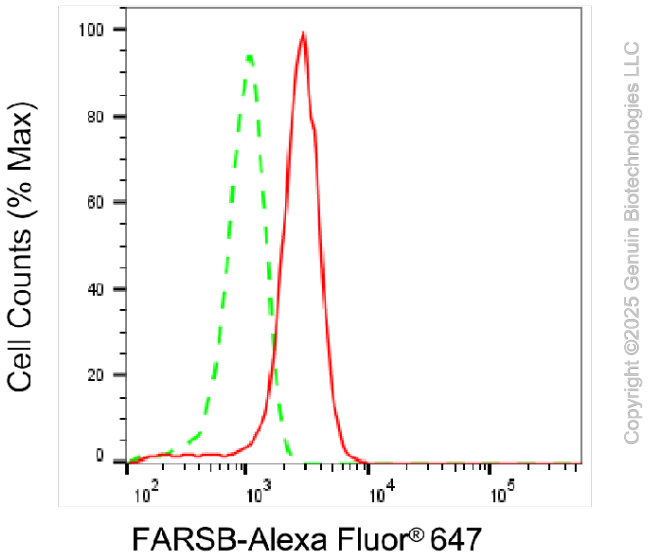
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Western blotting analysis using anti-FARSB antibody (Cat#ABG2040). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FARSB antibody (Cat#ABG2040, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-FARSB antibody (Cat#ABG2040). FARSB expression in wild type (WT) and FARSB 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-FARSB antibody (Cat#ABG2040, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of FARSB expression in HepG2 cells using anti-FARSB antibody (Cat#ABG2040, 1:1,000). Green, isotype control; red, FARSB.

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