

Catalog #: 5415

Aliases

FARSB; Phenylalanyl-TRNA Synthetase Subunit Beta; FRSB; FARSLB; PheHB; Phenylalanyl-TRNA Synthetase-Like, Beta Subunit; Phenylalanine TRNA Ligase 1, Beta, Cytoplasmic; Phenylalanyl-TRNA Synthetase Beta Subunit; Phenylalanine--TRNA Ligase Beta Subunit; EC 6.1.1.20; PheRS; Phenylalanine-TRNA Synthetase-Like, Beta Subunit; Phenylalanyl-TRNA Synthetase Beta Chain; Phenylalanine-TRNA Ligase Beta Chain; EC 6.1.1; HSPC173; NEDBLA; RILDBC1; RILDBC; RJBS

Background

Gene Name: FARSB

NCBI Gene Entry: [10056](#)

UniProt Entry: [Q9NSD9](#)

Application Information

Molecular Weight: Predicted, 66 kDa; observed, 66 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB1405

Species Reactivity: Human, mouse, rat

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

Immunogen

Recombinant protein of human FARSB

Isotype

Mouse IgG1

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): 1:500-1:2,500

Flow Cytometry (FCM): 1:1,000

SUPPORT

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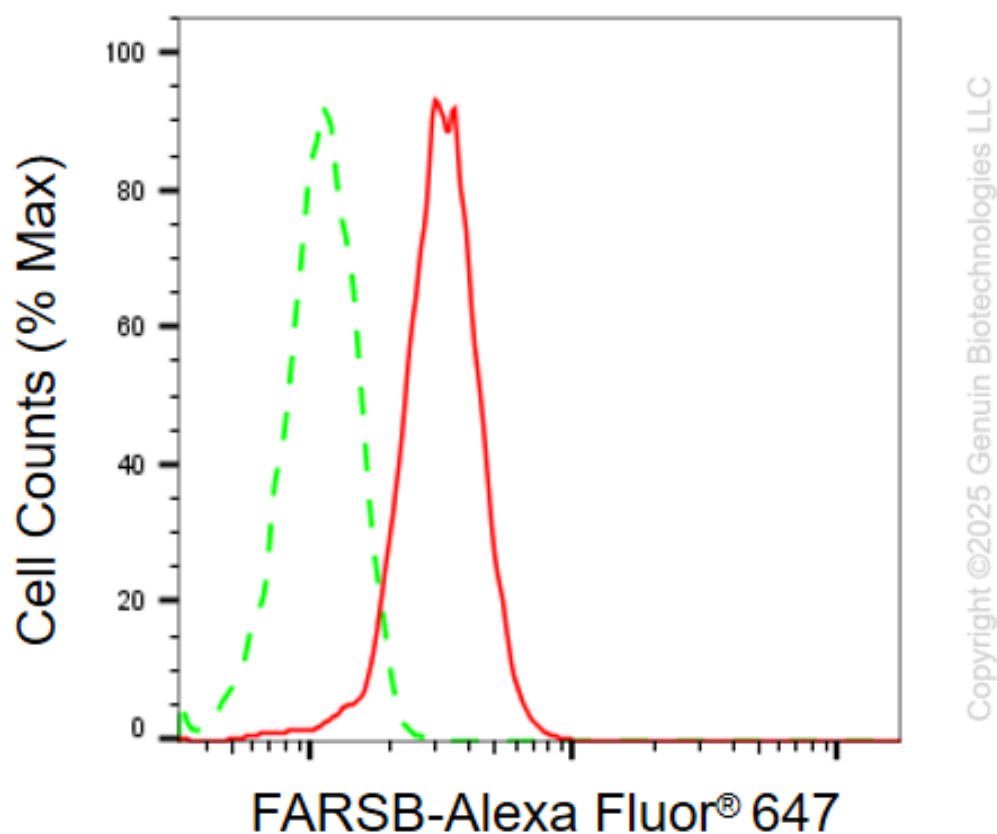
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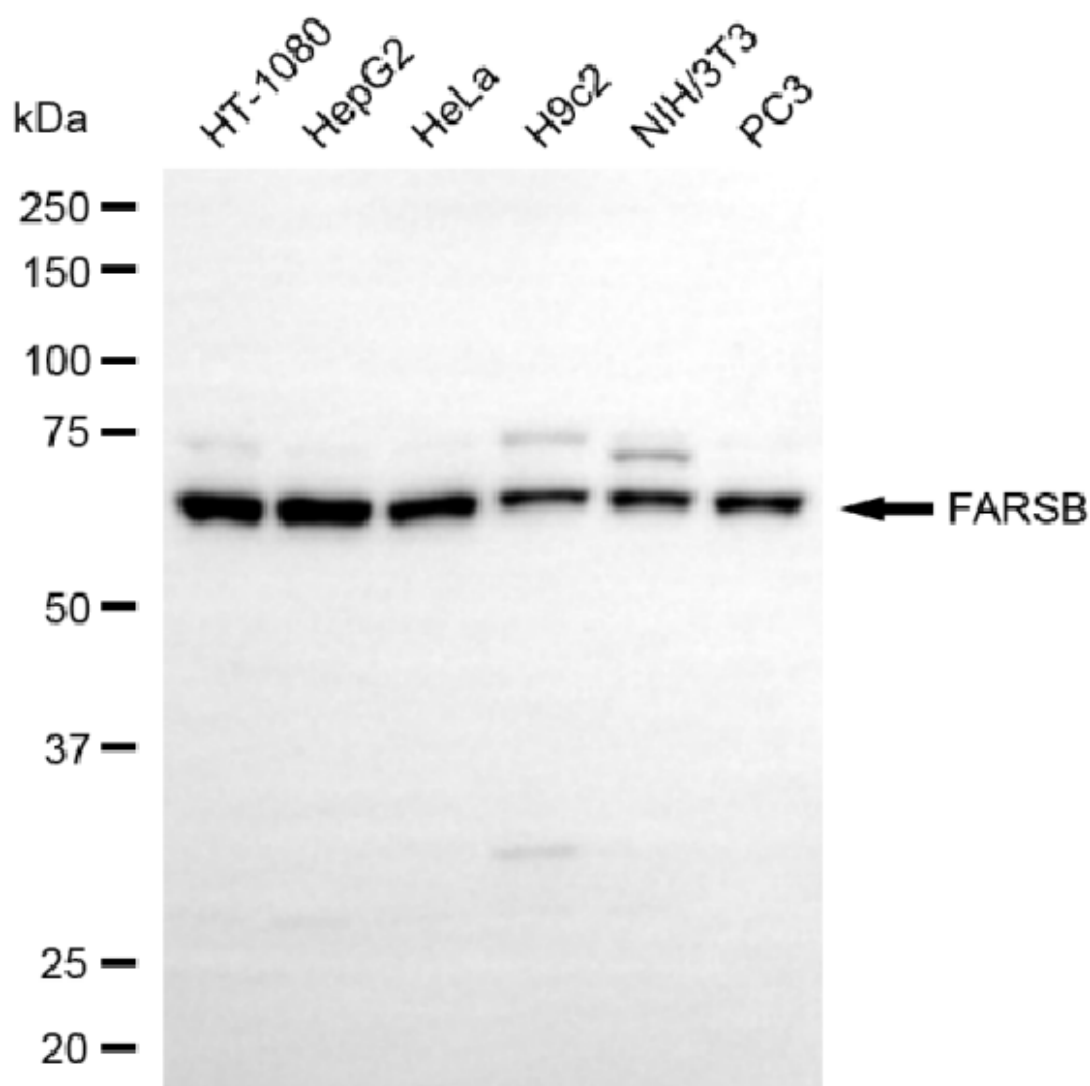
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Note: This product is for research use only.

Validation Data



Flow cytometric analysis of FARSB expression in HepG2 cells using anti-FARSB antibody (Cat#5415, 1:1,000). Green, isotype control; red, FARSB.



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Western blotting analysis using anti-FARSF antibody (Cat#5415). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FARSF antibody (Cat#5415, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).

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