

## Catalog #: 5409

## Aliases

EIF2B3; Eukaryotic Translation Initiation Factor 2B Subunit Gamma; EIF2Bgamma; EIF-2B; Eukaryotic Translation Initiation Factor 2B, Subunit 3 Gamma, 58kDa; Translation Initiation Factor EIF2B Subunit Gamma; EIF2B GDP-GTP Exchange Factor Subunit Gamma; Eukaryotic Translation Initiation Factor 2B, Subunit 3 (Gamma, 58kD); Translation Initiation Factor EIF-2B Subunit Gamma; EIF-2B GDP-GTP Exchange Factor Subunit Gamma; VWM3

## Background

Gene Name: EIF2B3

NCBI Gene Entry: [8891](#)

UniProt Entry: [Q9NR50](#)

## Application Information

Molecular Weight: Predicted, 50 kDa; observed, 50 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB1375

Species Reactivity: Human, mouse, rat

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

## Immunogen

Recombinant protein of human EIF2B3

## 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.

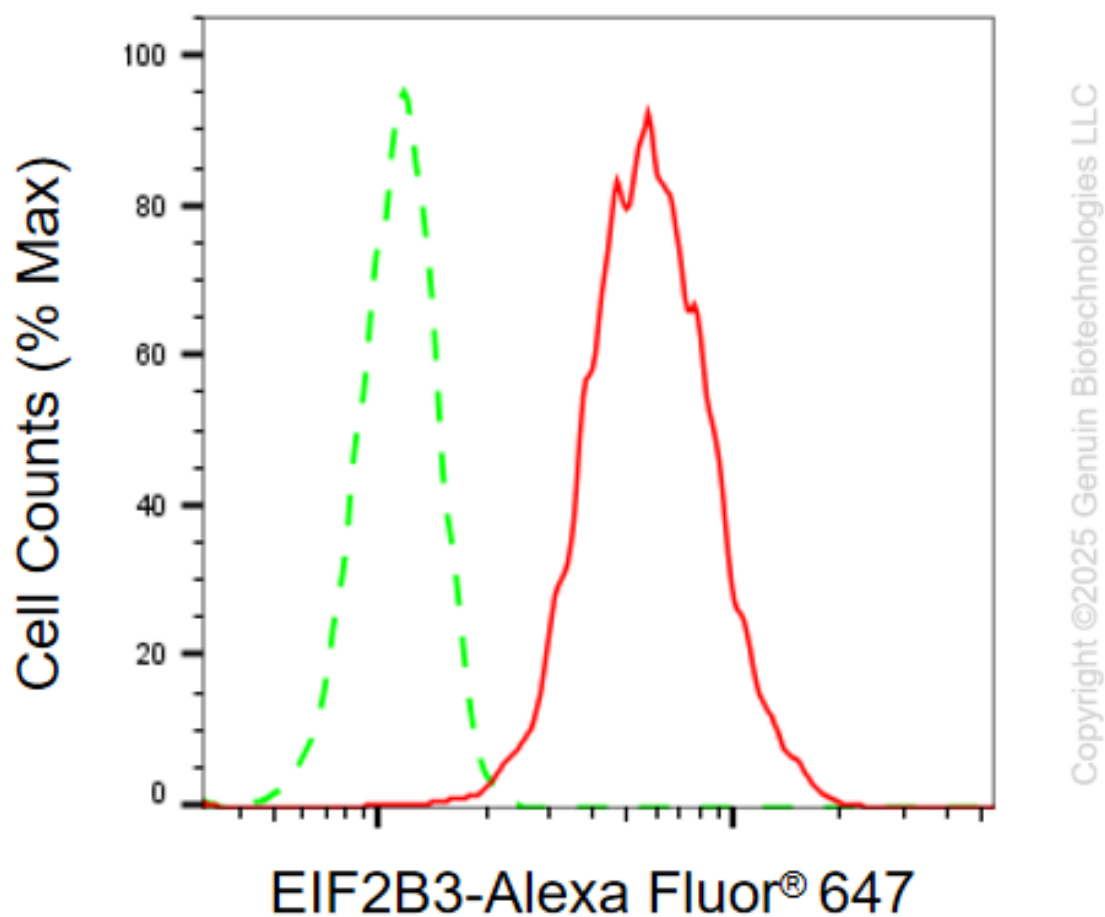
## Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

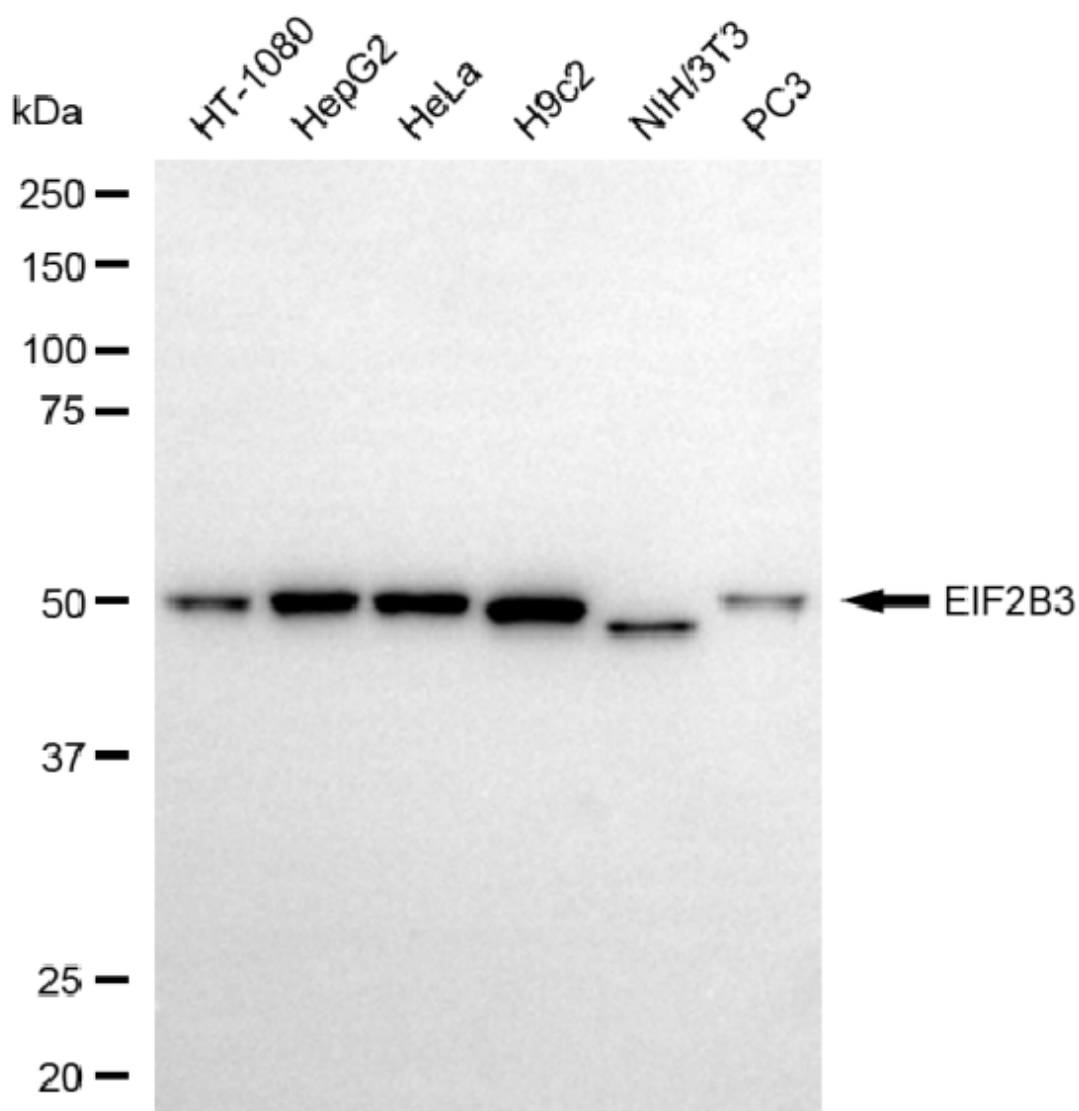
Flow Cytometry (FCM): 1:1,000

**Note:** This product is for research use only.

## Validation Data



Flow cytometric analysis of EIF2B3 expression in C2C12 cells using anti-EIF2B3 antibody (Cat#5409, 1:1,000). Green, isotype control; red, EIF2B3.



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Western blotting analysis using anti-EIF2B3 antibody (Cat#5409). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EIF2B3 antibody (Cat#5409, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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