

## Catalog #: 3868

### Aliases

EIF1AY; Eukaryotic Translation Initiation Factor 1A Y-Linked; Eukaryotic Translation Initiation Factor 1A, Y-Chromosomal; Eukaryotic Translation Initiation Factor 1A, Y Chromosome; Eukaryotic Translation Initiation Factor 4C; EIF1A Y Isoform; EIF-4C; EIF-1A Y Isoform

### Background

Gene Name: EIF1AY

NCBI Gene Entry: [9086](#)

UniProt Entry: [O14602](#)

### Application Information

Molecular Weight: Predicted, 16 kDa; observed, 18 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB8270

Species Reactivity: Human, mouse, rat

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

### Immunogen

Recombinant protein of human EIF1AY

### Isotype

Mouse IgG2a

### 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

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

### Validation Data

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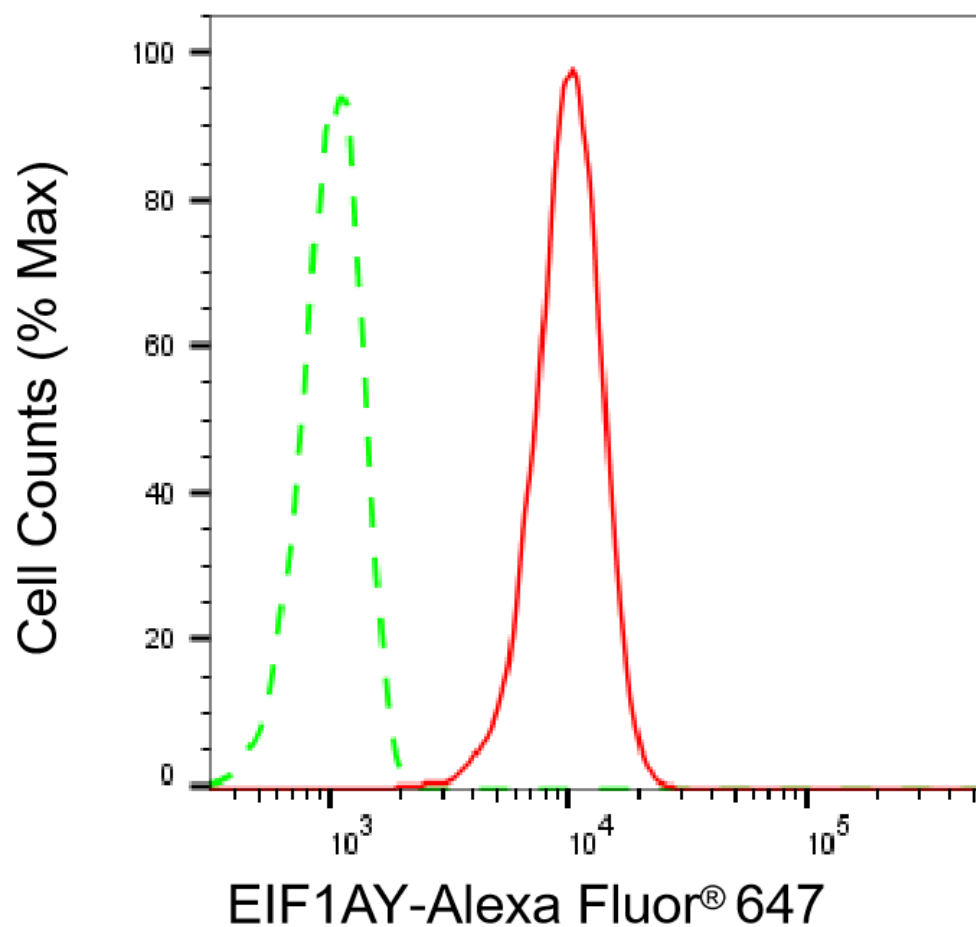
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Flow cytometric analysis of EIF1AY expression in C2C12 cells using anti-EIF1AY antibody (Cat#3868, 1:1,000). Green, isotype control; red, EIF1AY.

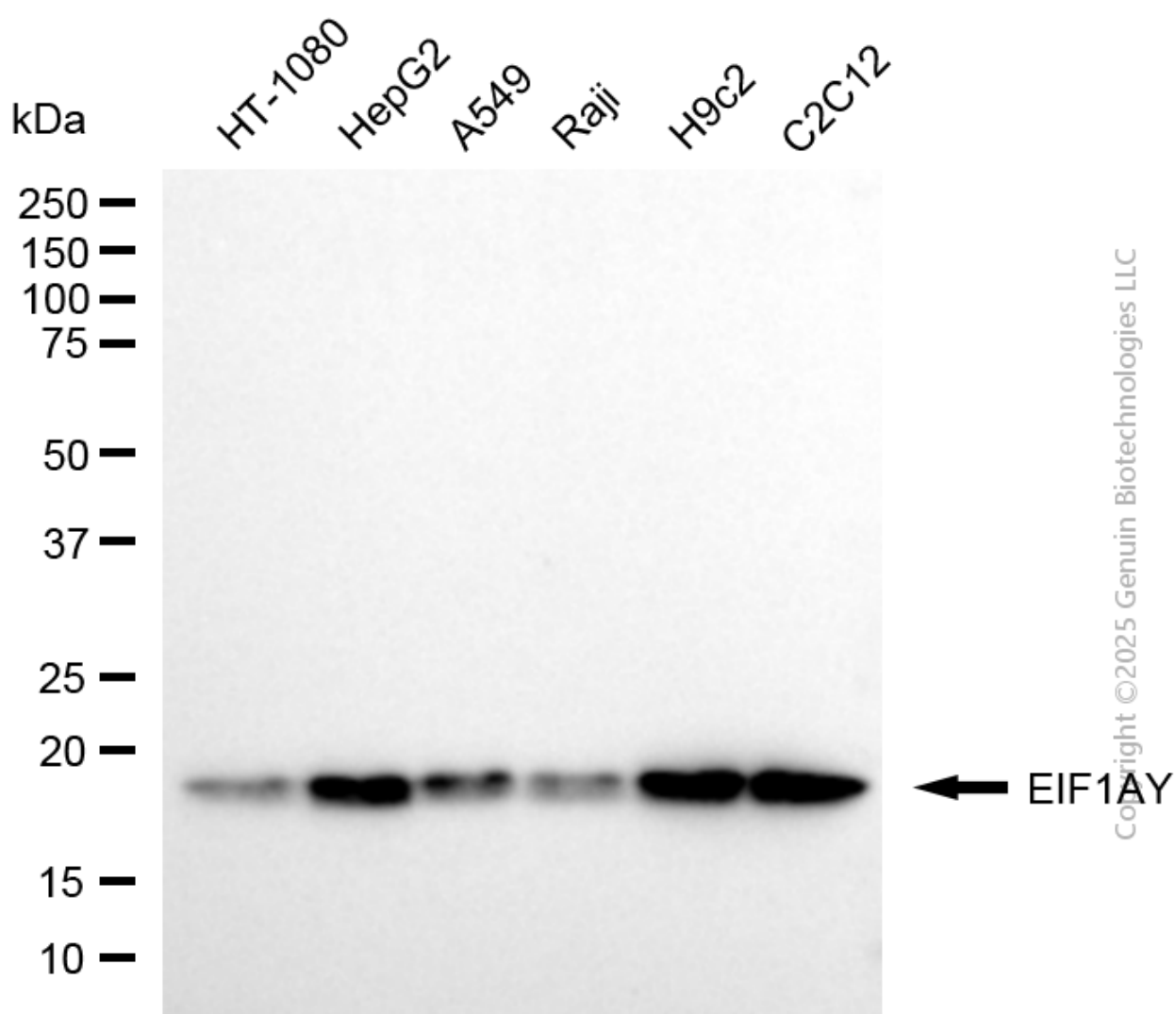
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Western blotting analysis using anti-EIF1AY antibody (Cat#3868). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EIF1AY antibody (Cat#3868, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).