Anti-eIF1A Recombinant Rabbit Monoclonal Antibody

Catalog #: 1955

Aliases

EIF1AX; Eukaryotic Translation Initiation Factor 1A X-Linked; EIF-4C; EIF-1A; EIF1A; EIF4C; Eukaryotic Translation Initiation Factor 1A, X-Chromosomal; Eukaryotic Translation Initiation Factor 1A, X Chromosome; Eukaryotic Translation Initiation Factor 4C; EIF1A X Isoform; Eukaryotic Translation Initiation Factor 1A, X-Linked; Putative Eukaryotic Translation Initiation Factor 1A; EIF-1A X Isoform; EIF1AP1

Background

Gene Name: EIF1AX
NCBI Gene Entry: 1964
UniProt Entry: P47813

Application Information

Molecular Weight: Predicted, 16 kDa; observed, 18 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB5290
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human eIF1A

Isotype

Rabbit IgG

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): 1:1,000-1:5,000
Immunocytochemistry (IC): 1:100-1:1,000
Flow Cytometry (FCM): 1:2,000

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Note: This product is for research use only.

Validation Data
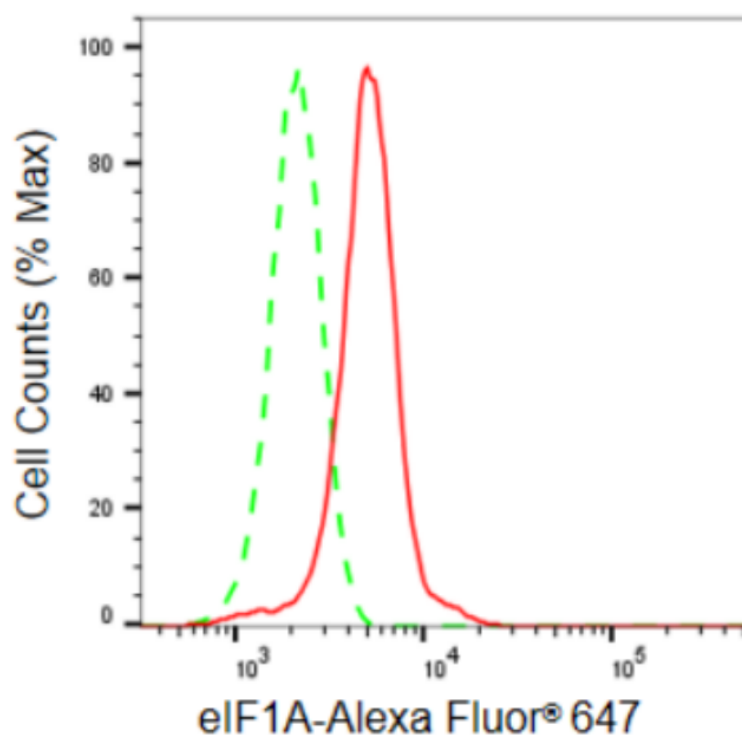
Flow cytometric analysis of eIF1A expression in HeLa cells using eIF1A antibody (Cat#1955, 1:2,000). Green, isotype control; red, eIF1A.
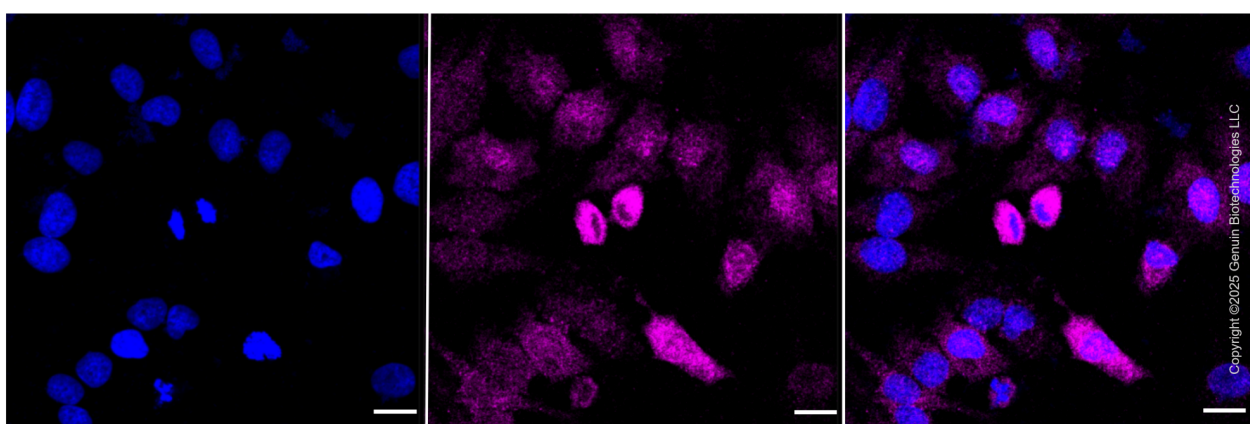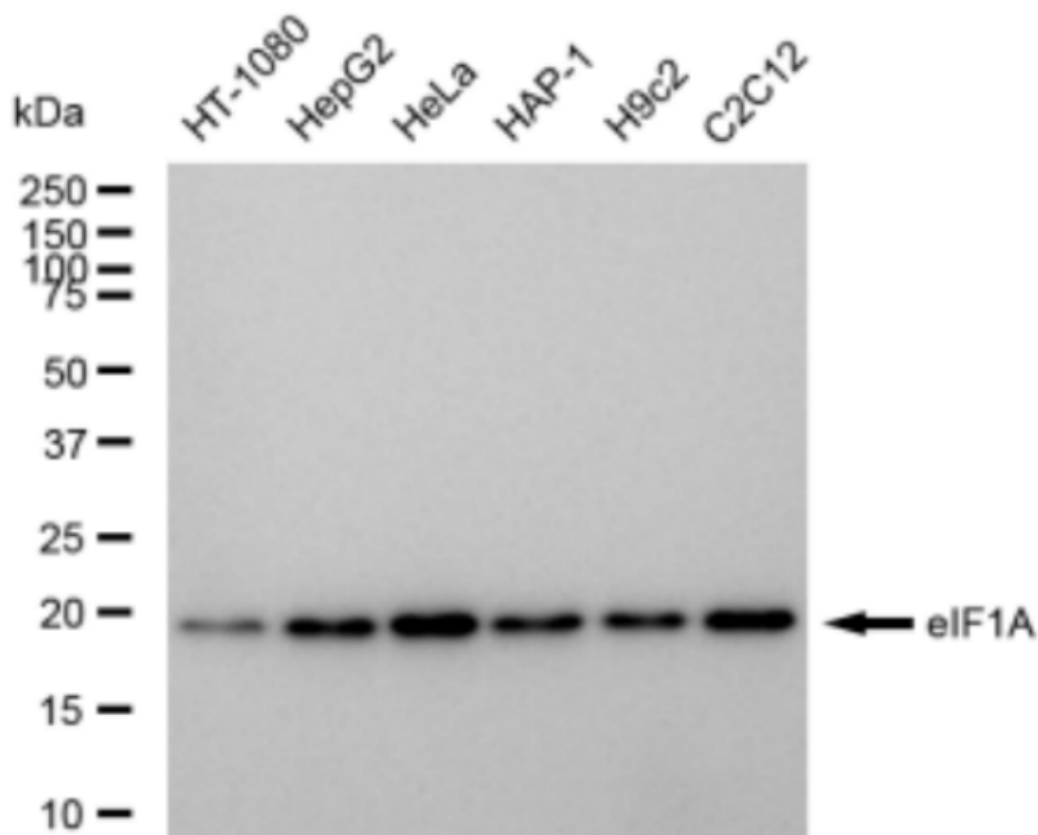

Immunocytochemical staining of Hela cells with anti-EIF1AX antibody (Cat#1955, 1:1,000). Nuclei were stained blue with DAPI; EIF1AX was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μm.

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Western blotting analysis using anti-eIF1A antibody (Cat#1955). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-eIF1A antibody (Cat#1955, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).