Anti-Phospho-eIF4E (S209) Recombinant Rabbit Monoclonal Antibody

Catalog #: 3082

Aliases

EIF4E; Eukaryotic Translation Initiation Factor 4E; EIF4EL1; EIF4E1; EIF4F; MRNA Cap-Binding Protein; EIF-4F 25 KDa Subunit; EIF-4E; Eukaryotic Translation Initiation Factor 4E-Like 1; AUTS19; EIF4E; CBP

Background

Gene Name: EIF4E
NCBI Gene Entry: 1977
UniProt Entry: P06730

Application Information

Molecular Weight: Predicted, 25 kDa; observed, 25 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB3975
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human Phospho-eIF4E (S209)

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): 1:2,000-1:10,000
Immunocytochemistry (IC): 1:100-1:1,000
Flow Cytometry (FCM) : 1:2,000

Note: This product is for research use only.

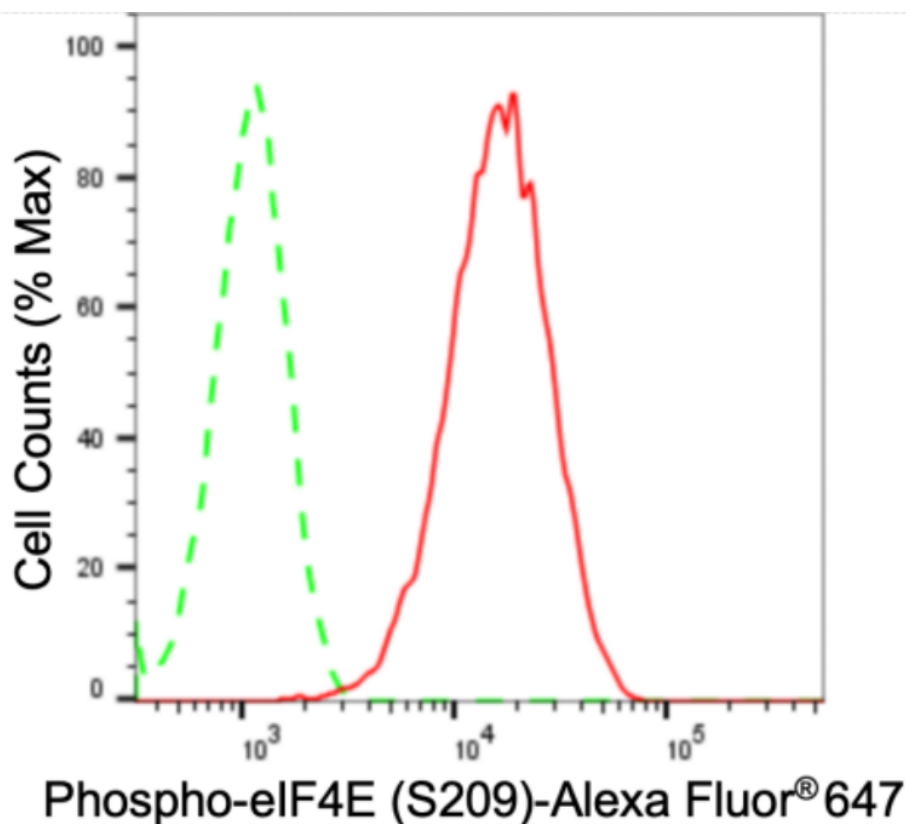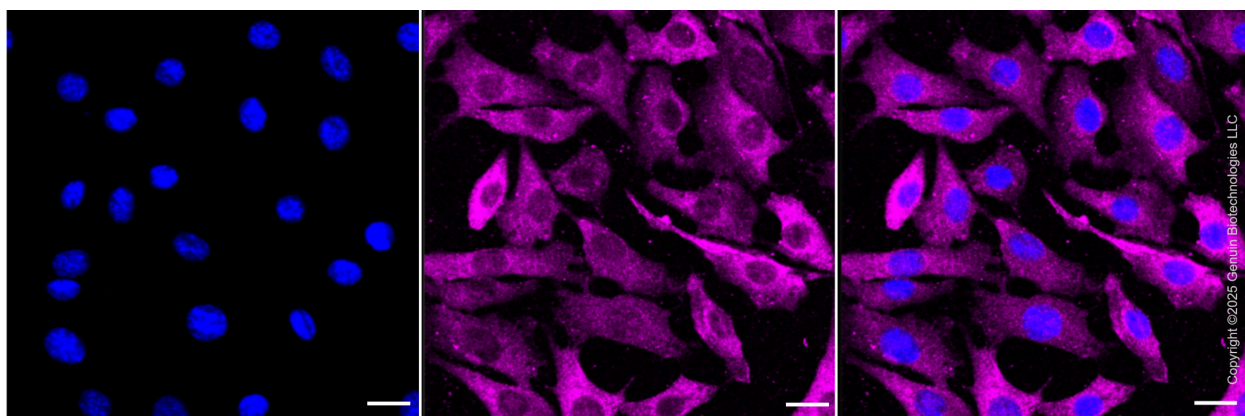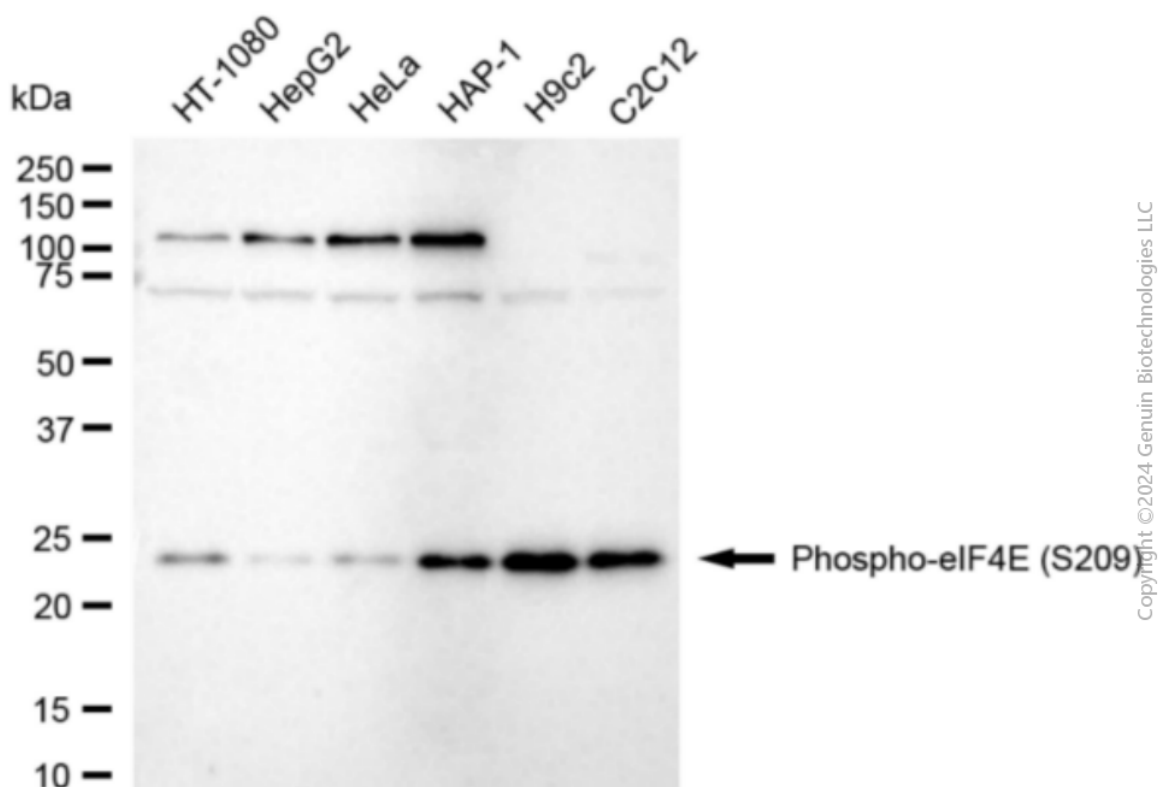**SUPPORT**
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Validation Data

Flow cytometric analysis of phospho-eIF4E (S209) expression in C2C12 cells using anti-phospho-eIF4E (S209) antibody (Cat#3082, 1:2,000). Green, isotype control; red, phospho-eIF4E (S209).

Immunocytochemical staining of C2C12 cells with phospho-eIF4E (S209) antibody (Cat#3082, 1:1,000). Nuclei were stained blue with DAPI; Phospho-eIF4E (S209) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μm.

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Western blotting analysis using anti-phospho-eIF4E (S209) antibody (Cat#3082). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-eIF4E (S209) antibody (Cat#3082, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).