9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-EIF4E Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1368

Product Overview

Name	KD-Validated Anti-EIF4E Rabbit Monoclonal Antibody
Accession(Primary)	P06730
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human EIF4E
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 25 kDa; observed, 25 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (P06730)

Gene Name	EIF4E
About Gene Symbol	EIF4E (Eukaryotic Translation Initiation Factor 4E) is a protein kinase and signaling regulator involved in translational regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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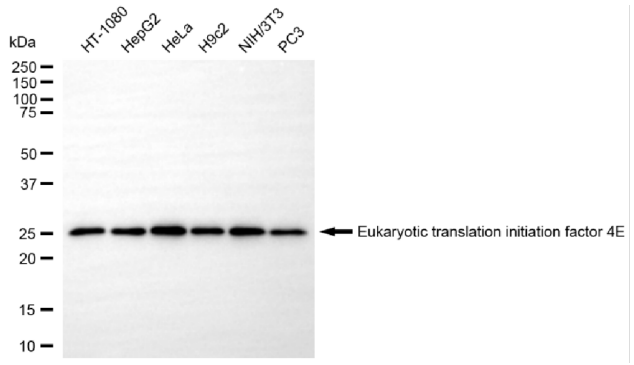

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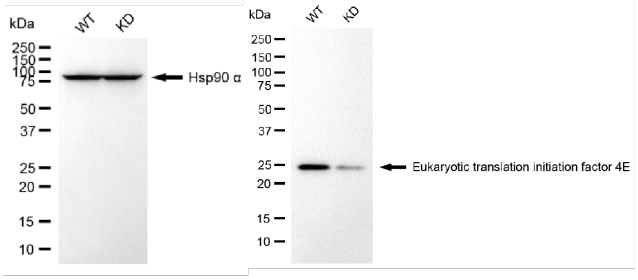
Western blotting analysis using anti-eukaryotic translation initiation factor 4E antibody (Cat#ABG1368). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-eukaryotic translation initiation factor 4E antibody (Cat#ABG1368, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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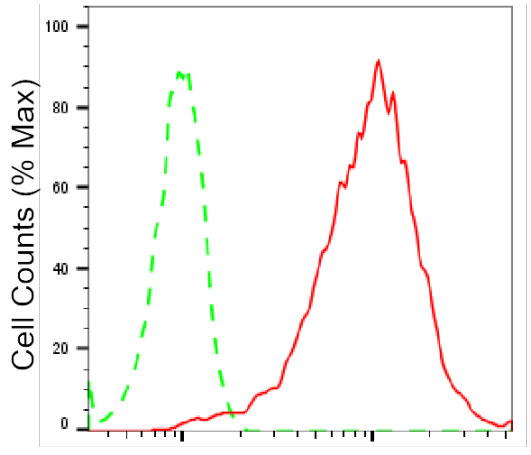
Western blotting analysis using anti-eukaryotic translation initiation factor 4E antibody (Cat#ABG1368). Eukaryotic translation initiation factor 4E expression in wild type (WT) and eukaryotic translation initiation factor 4E (EIF4E) knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-eukaryotic translation initiation factor 4E antibody (Cat#ABG1368, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Eukaryotic translation initiation factor 4E-Alexa Fluor® 647

Flow cytometric analysis of Eukaryotic translation initiation factor 4E expression in HepG2 cells using anti-Eukaryotic translation initiation factor 4E antibody (Cat#ABG1368, 1:2,000). Green, isotype control; red, Eukaryotic translation initiation factor 4E.

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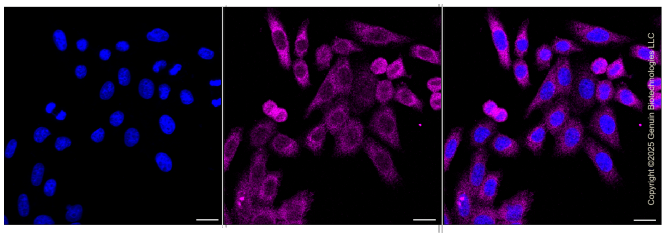

Immunocytochemical staining of HepG2 cells with anti-Eukaryotic translation initiation factor 4E antibody (Cat#ABG1368, 1:1,000). Nuclei were stained blue with DAPI; Eukaryotic translation initiation factor 4E was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.