9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KO-Validated Anti-EIF2AK2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2437

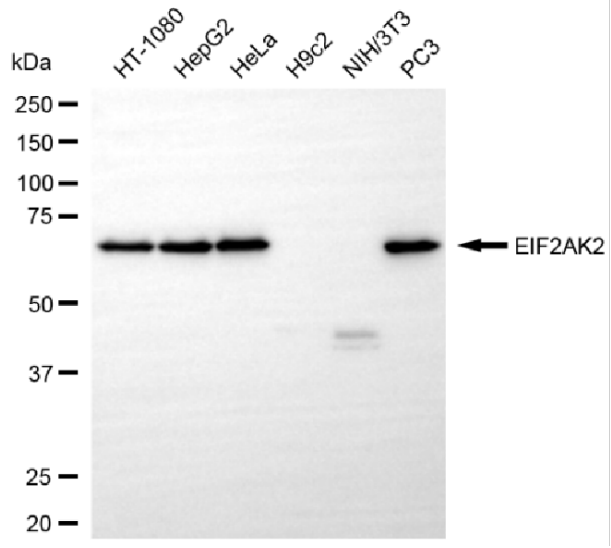
Product Overview

Name	KO-Validated Anti-EIF2AK2 Rabbit Monoclonal Antibody
Accession(Primary)	P19525
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PKR
Species Reactivity	Human
Calculated MW	Predicted, 62 kDa; observed, 68 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): 1:2,000

Target information (P19525)

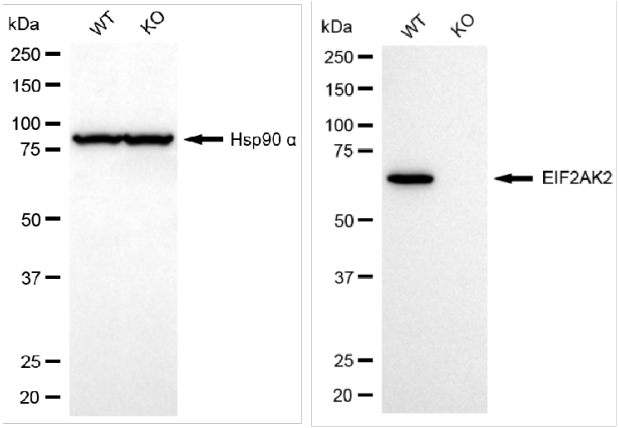
Gene Name	EIF2AK2
About Gene Symbol	EIF2AK2 (eIF-2A protein kinase 2) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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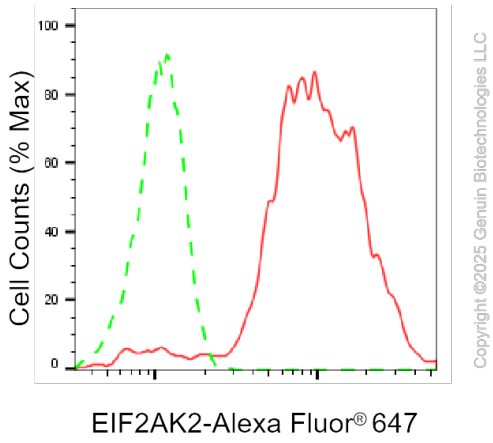
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Western blotting analysis using anti-EIF2AK2 antibody (Cat#ABG2437). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EIF2AK2 antibody (Cat#ABG2437, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-EIF2AK2 antibody (Cat#ABG2437). EIF2AK2 expression in wild-type (WT) and EIF2AK2 knockout (KO) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-EIF2AK2 antibody (Cat#ABG2437, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of EIF2AK2 expression in HepG2 cells using anti-EIF2AK2 antibody (Cat#ABG2437, 1:2,000). Green, isotype control; red,EIF2AK2.