

KD-Validated Anti-EIF4A1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

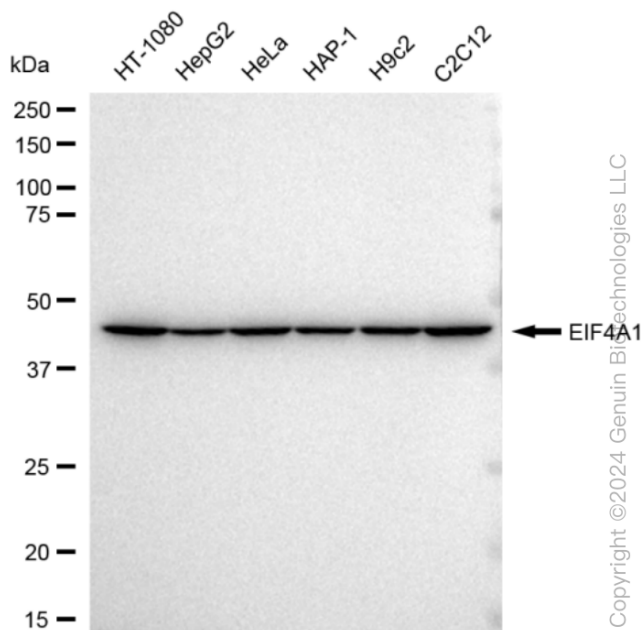
ABG1357

Product Overview

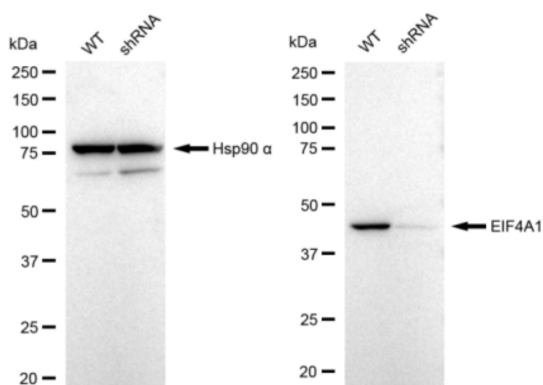
Name	KD-Validated Anti-EIF4A1 Rabbit Monoclonal Antibody
Accession(Primary)	P60842
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human eIF4A1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 46 kDa , observed, 46 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

Target information (P60842)

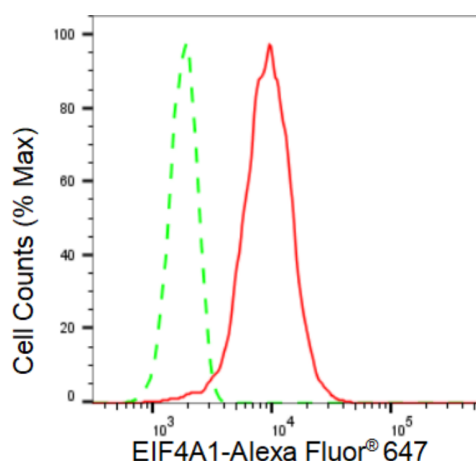
Gene Name	EIF4A1
About Gene Symbol	EIF4A1 (Eukaryotic Translation Initiation Factor 4A1) is a metabolic enzyme involved in translational regulation. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Western blotting analysis using anti-EIF4A1 antibody (Cat#ABG1357). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EIF4A1 antibody (Cat#ABG1357, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-EIF4A1 antibody (Cat#ABG1357). EIF4A1 expression in wild type (WT) and EIF4A1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-EIF4A1 antibody (Cat#ABG1357, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of EIF4A1 expression in HT-1080 cells using EIF4A1 antibody (Cat#ABG1357, 1:2,000). Green, isotype control; red, EIF4A1.