

KD-Validated Anti-Eukaryotic translation elongation factor 2 Rabbit monoclonal antibody

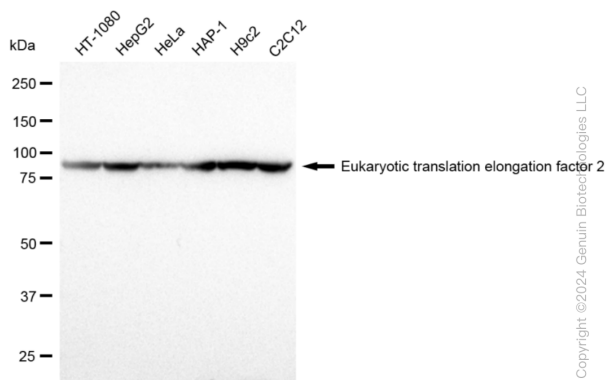
ABG1573

Product Overview

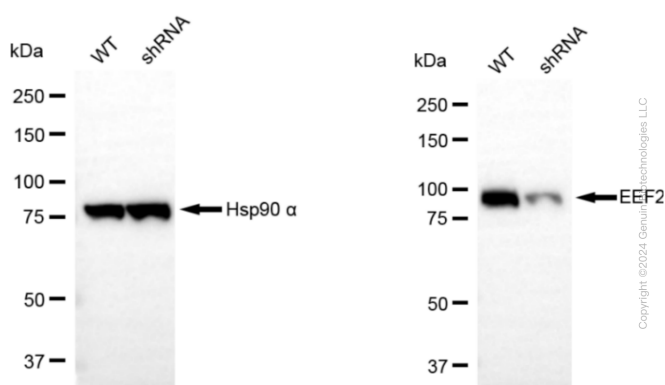
Name	KD-Validated Anti-Eukaryotic translation elongation factor 2 Rabbit Monoclonal Antibody
Accession(Primary)	P13639
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human EEF2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 95 kDa , observed, 95 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 Immunocytochemistry (IC): 1:100-1:1,000

Target information (P13639)

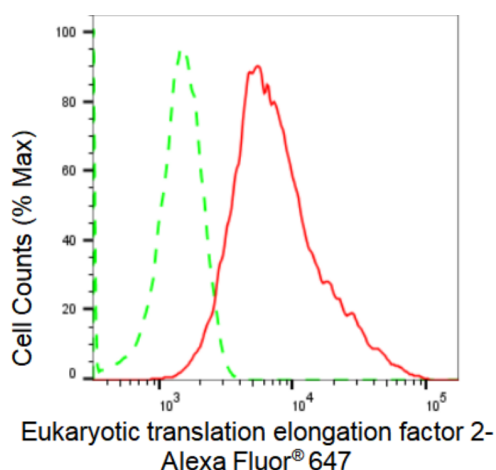
Gene Name	EEF2
About Gene Symbol	EEF2 (Eukaryotic Translation Elongation Factor 2) is a metabolic enzyme involved in translational regulation. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



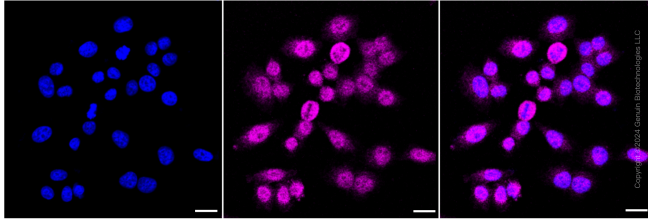
Western blotting analysis using anti-Eukaryotic translation elongation factor 2 antibody (Cat#ABG1573). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Eukaryotic translation elongation factor 2 antibody (Cat#ABG1573, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Eukaryotic translation elongation factor 2 antibody (Cat#ABG1573). Eukaryotic translation elongation factor 2 expression in wild type (WT) and Eukaryotic translation elongation factor 2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Eukaryotic translation elongation factor 2 antibody (Cat#ABG1573, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Eukaryotic translation elongation factor 2 expression in HepG2 cells using Eukaryotic translation elongation factor 2 antibody (Cat#ABG1573, 1:2,000). Green, isotype control; red, Eukaryotic translation elongation factor 2.



Immunocytochemical staining of HepG2 cells with Eukaryotic translation elongation factor 2 antibody (Cat#ABG1573, 1:1,000). Nuclei were stained blue with DAPI; Eukaryotic translation elongation factor 2 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 μ m.