

Product Name: KD-Validated EIF5A Recombinant Rabbit Monoclonal Antibody**Catalog #: KVAb01423**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:2,000-1:10,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 16.8kDa

Antigen Information

Gene Name	EIF5A
Alternative Names	EIF5A; Eukaryotic Translation Initiation Factor 5A; EIF-5A; EIF5A1; Eukaryotic Translation Initiation Factor 5A-1; Rev-Binding Factor; MGC104255; MGC99547; EIF-4D; Eukaryotic Initiation Factor 5A Isoform 1; Eukaryotic Initiation Factor 5A; EIF-5A-1; EIF-5A1; EIF5AI; FABAS
Gene ID	1984.0
SwissProt ID	P63241
Immunogen	A synthesized peptide derived from human eIF5A

Background

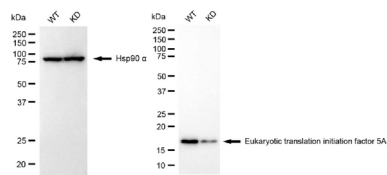
Enables U6 snRNA binding activity. Involved in several processes, including cellular response to virus; positive regulation of

intrinsic apoptotic signaling pathway by p53 class mediator; and tumor necrosis factor-mediated signaling pathway. Located in annulate lamellae; cytoplasm; and nucleus. Part of nuclear pore. Biomarker of colorectal cancer. [provided by Alliance of Genome Resources, Jul 2025]

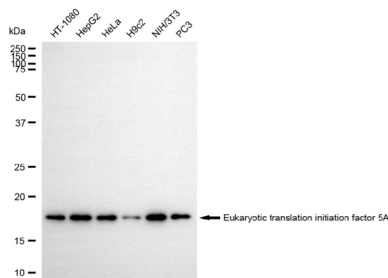
Research Area

Epigenetics and Nuclear Signaling

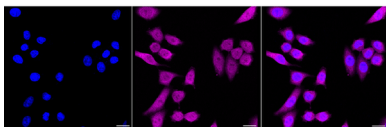
Image Data



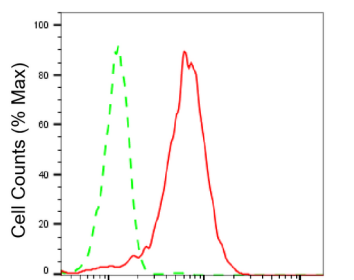
Western blotting analysis using eukaryotic translation initiation factor 5A antibody (KVA01423). Eukaryotic translation initiation factor 5A expression in wild type (WT) and eukaryotic translation initiation factor 5A (EIF5A) knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with eukaryotic translation initiation factor 5A antibody (KVA01423, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using eukaryotic translation initiation factor 5A antibody (KVA01423). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with eukaryotic translation initiation factor 5A antibody (KVA01423, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Eukaryotic translation initiation factor 5A antibody (KVA01423, 1:1,000). Nuclei were stained blue with DAPI; Eukaryotic translation initiation factor 5A 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.



Eukaryotic translation initiation factor 5A-Alexa Fluor® 647

Flow cytometric analysis of Eukaryotic translation initiation factor 5A expression in HepG2 cells using Eukaryotic translation initiation factor 5A antibody (KVA01423, 1:2,000). Green, isotype control; red, Eukaryotic translation initiation factor 5A.