

Anti-KLF Transcription Factor 4 Mouse Monoclonal Antibody



Catalog #: 2832

Aliases

KLF4; KLF Transcription Factor 4; GKLF; EZF; Epithelial Zinc Finger Protein EZF; Gut-Enriched Krueppel-Like Factor; Kruppel-Like Factor 4 (Gut); Gut Kruppel-Like Factor; Krueppel-Like Factor 4; Kruppel Like Factor 4; Endothelial Kruppel-Like Zinc Finger Protein

Background

Gene Name: KLF4

NCBI Gene Entry: [9314](#)

UniProt Entry: [O43474](#)

Application Information

Molecular Weight: Predicted, 55 kDa; observed, 70 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB2750

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

Recombinant protein of human KLF4

Isotype

Mouse IgG2b kappa

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:2,500-1:5,000

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

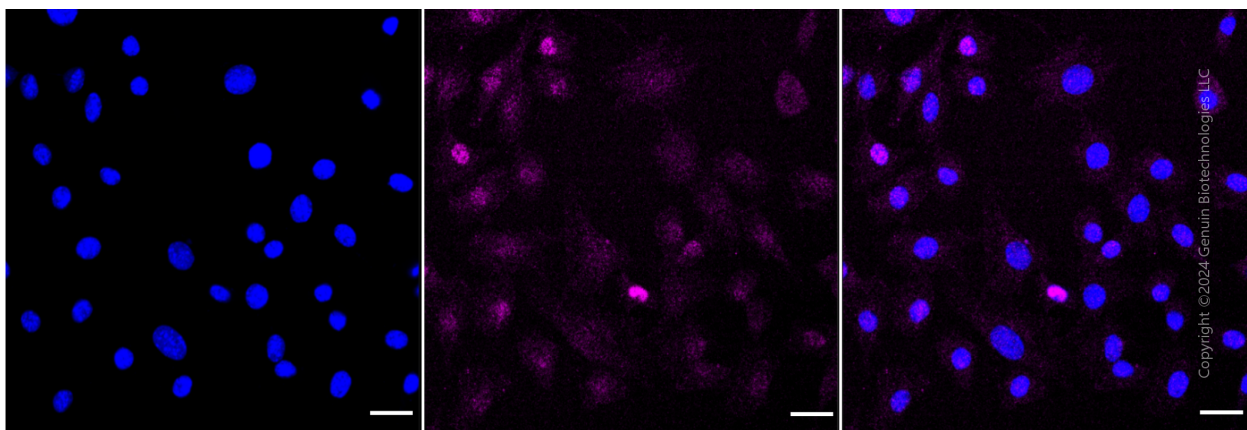
SUPPORT

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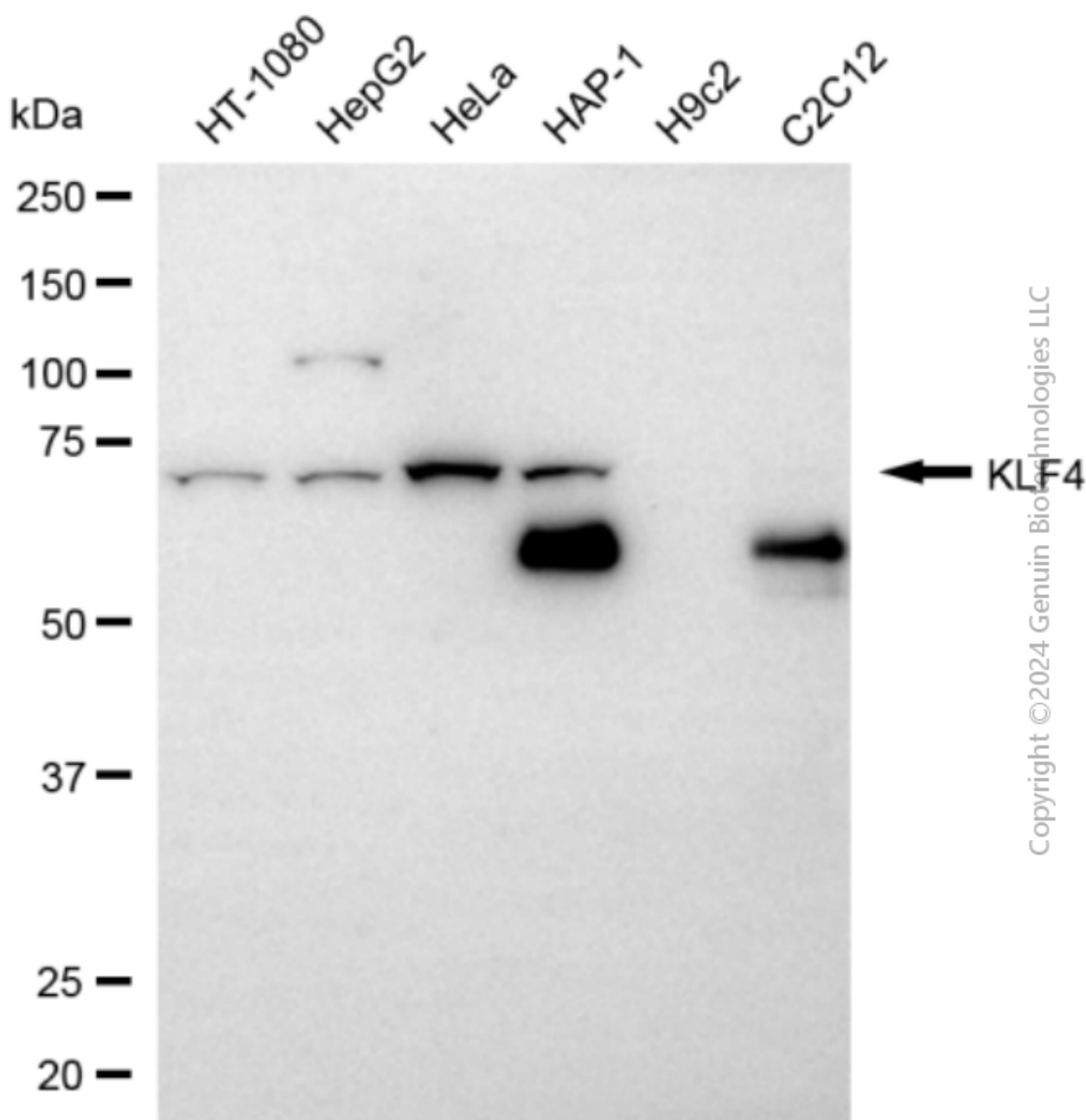
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Immunocytochemical staining of HeLa cells with KLF4 antibody (Cat#2832, 1:1,000). Nuclei were stained blue with DAPI; KLF4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-KLF4 antibody (Cat#2832). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-KLF4 antibody (Cat#2832, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).