9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

KD-Validated Anti-TFE3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2386

Product Overview

Name	KD-Validated Anti-TFE3 Rabbit Monoclonal Antibody
Accession(Primary)	P19532
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human TFE3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 62 kDa , observed , 62 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 (P19532)

Gene Name	TFE3
About Gene Symbol	TFE3 (Transcription Factor Binding To IGHM Enhancer 3) is a transcription factor involved in gene transcription and regulation. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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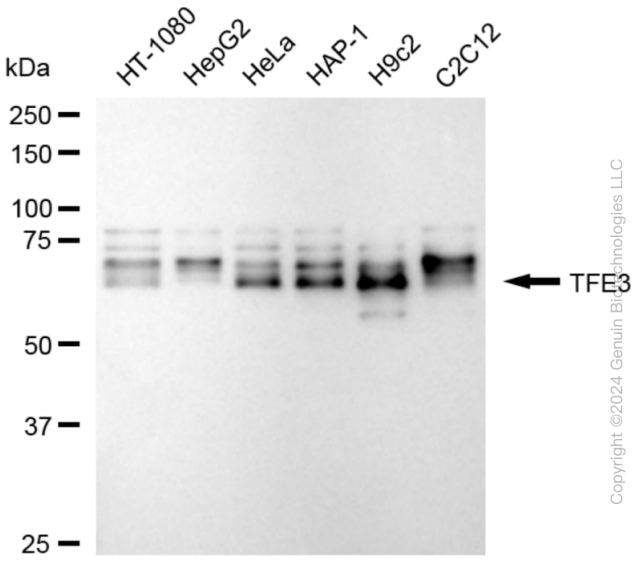

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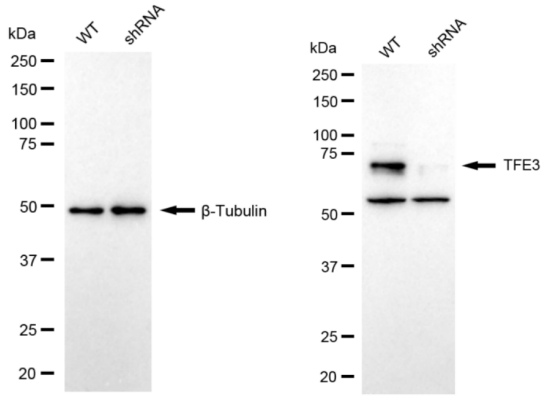
Western blotting analysis using anti-TFE3 antibody (Cat#ABG2386). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TFE3 antibody (Cat#ABG2386, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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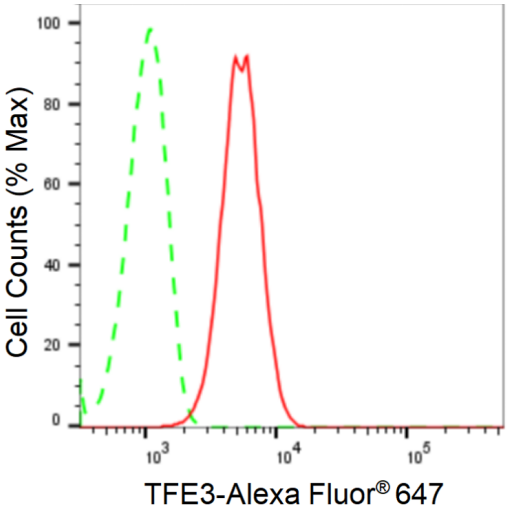
Western blotting analysis using anti-TFE3 antibody (Cat#ABG2386). TFE3 expression in wild-type (WT) and TFE3 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-TFE3 antibody (Cat#ABG2386, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of TFE3 expression in H9c2 cells using anti-TFE3 antibody (Cat#ABG2386, 1:2,000). Green, isotype control; red, TFE3.

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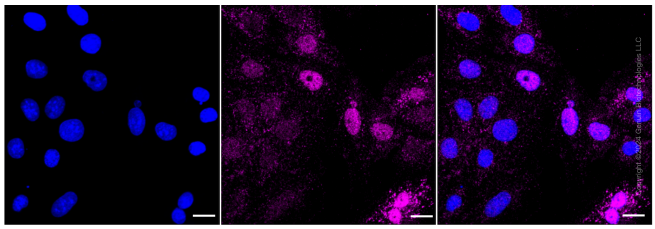

Immunocytochemical staining of H9c2 cells with anti-TFE3 antibody (Cat#ABG2386, 1:1,000). Nuclei were stained blue with DAPI; TFE3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.