9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-E2F transcription factor 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1572

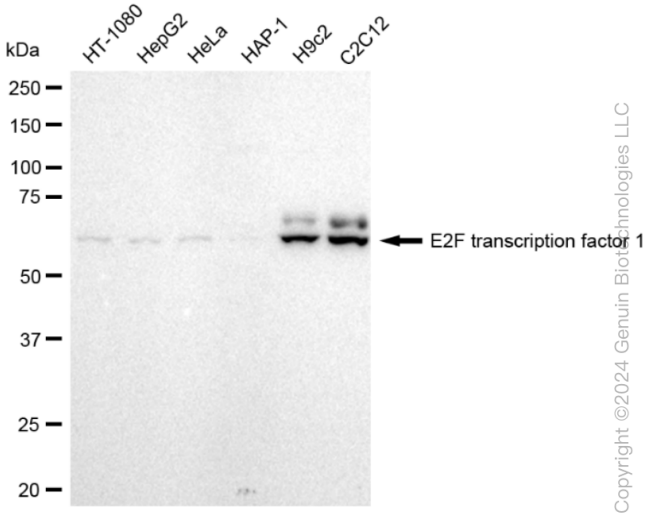
Product Overview

Name	KD-Validated Anti-E2F transcription factor 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q01094
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human E2F1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 4 7 kDa , observed, 65 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): 1:1,000

Target information (Q01094)

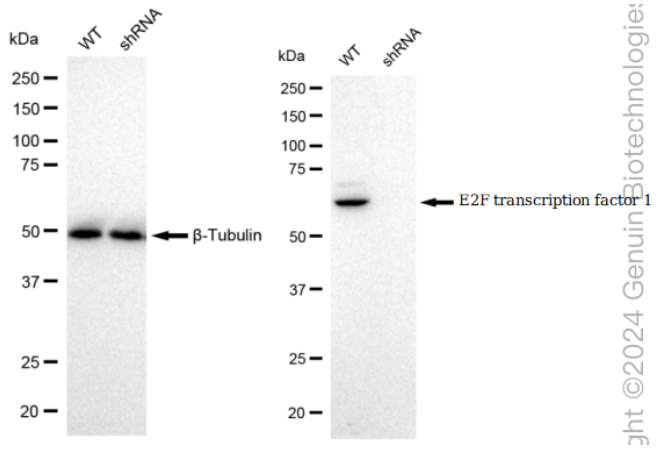
Gene Name	E2F1
About Gene Symbol	E2F1 (E2F Transcription Factor 1) is a transcription factor involved in gene transcription and regulation. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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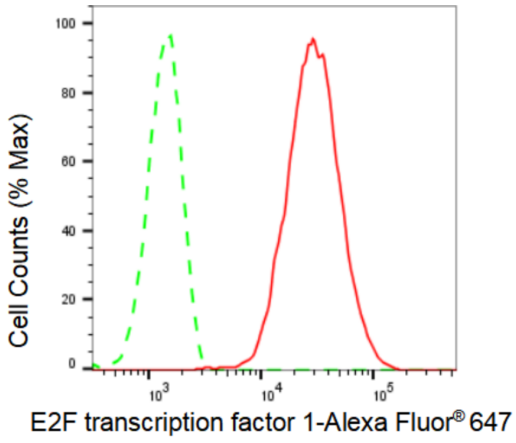
Western blotting analysis using anti-E2F transcription factor 1 antibody (Cat#ABG1572). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-E2F transcription factor 1 antibody (Cat#ABG1572, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Western blotting analysis using anti-E2F transcription factor 1 antibody (Cat#ABG1572). E2F transcription factor 1 expression in wild type (WT) and E2F transcription factor 1 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-E2F transcription factor 1 antibody (Cat#ABG1572, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

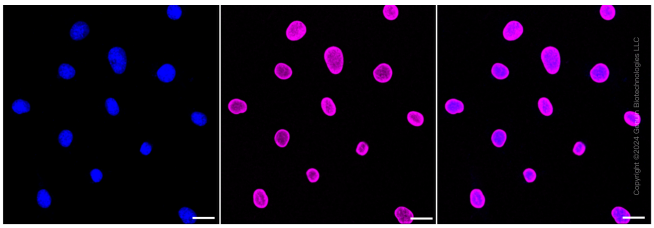
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Flow cytometric analysis of E2F transcription factor 1 expression in C2C12 cells using E2F transcription factor 1 antibody (Cat#ABG1572, 1:2,000). Green, isotype control; red, E2F transcription factor 1.

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Immunocytochemical staining of C2C12 cells with E2F transcription factor 1 antibody (Cat#ABG1572, 1:1,000). Nuclei were stained blue with DAPI; E2F transcription factor 1 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.