9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-RNF31 Mouse Oligoclonal Antibody

Mouse oligoclonal antibody

ABG2188

Product Overview

Name	KD-Validated Anti-RNF31 Mouse Oligoclonal Antibody
Accession(Primary)	Q96EP0
Host Species	Mouse
Clonality	Oligoclonal
Isotype	Mouse IgG
Immunogen	Recombinant protein of human RNF31
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 120 kDa, observed, 120 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q96EP0)

Gene Name	RNF31
About Gene Symbol	RNF31 (Ring Finger Protein 31) is a ubiquitin E3 ligase involved in ubiquitin-proteasome pathway. 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.

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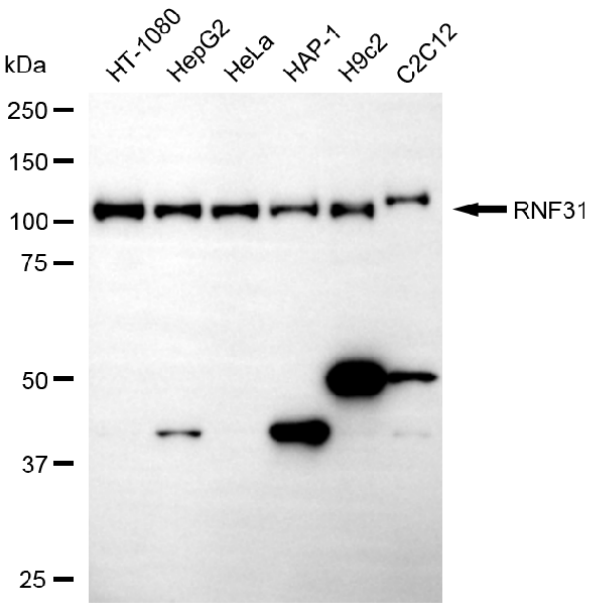

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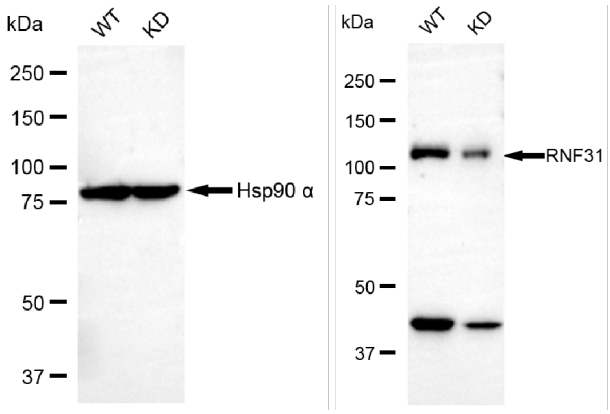
Western blotting analysis using anti-RNF31 antibody (Cat#ABG2188). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RNF31 antibody (Cat#ABG2188, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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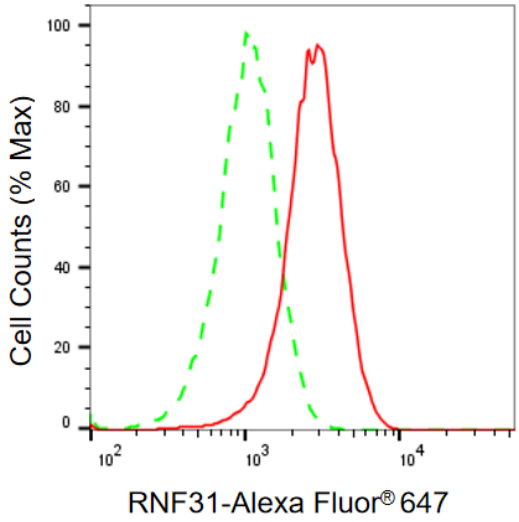
Western blotting analysis using anti-RNF31 antibody (Cat#ABG2188). RNF31 expression in wild-type (WT) and RNF31 knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-RNF31 antibody (Cat#ABG2188, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of RNF31 expression in HT-1080 cells using anti-RNF31 antibody (Cat#ABG2188, 1:2,000). Green, isotype control; red, RNF31.

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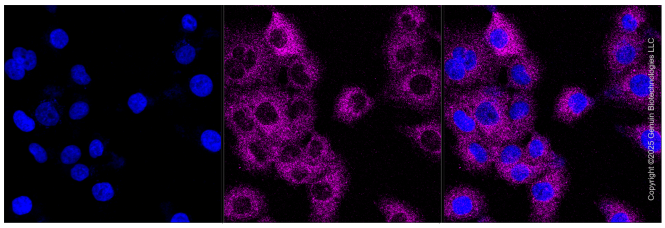

Immunocytochemical staining of HT-1080 cells with anti-RNF31 antibody (Cat#ABG2188, 1:1,000). Nuclei were stained blue with DAPI; RNF31 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 µm.