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

KD-Validated Anti-UFM1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2194

Product Overview

Name	KD-Validated Anti-UFM1 Rabbit Monoclonal Antibody
Accession(Primary)	P61960
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human UFM1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 9 kDa; observed, 10 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (P61960)

Gene Name	UFM1
About Gene Symbol	UFM1 (Ubiquitin Fold Modifier 1) is a metabolic enzyme 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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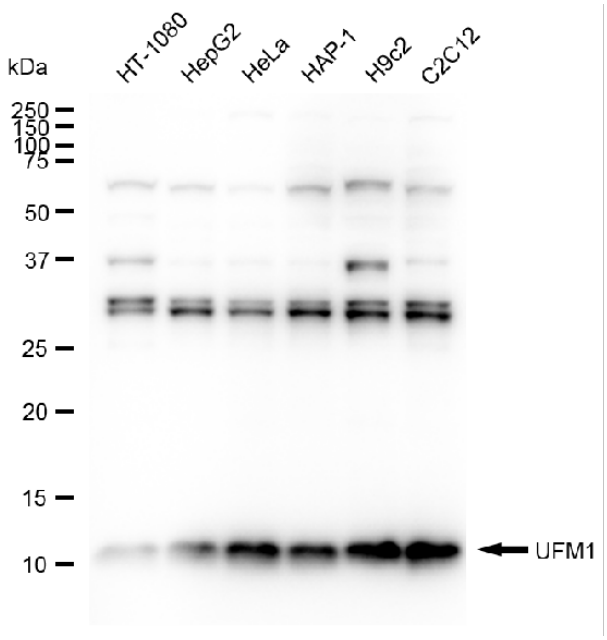

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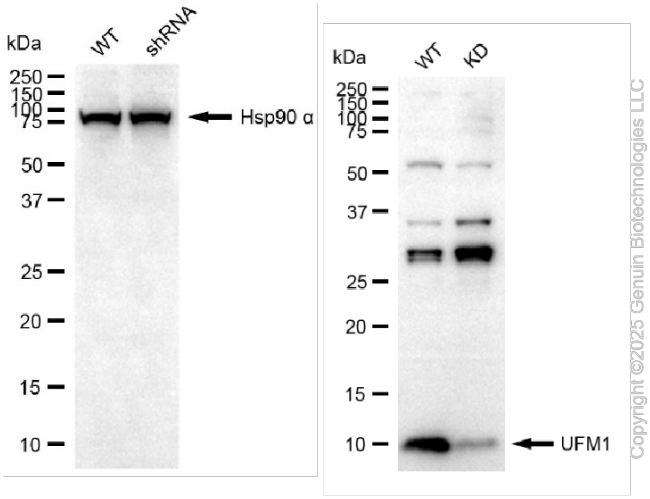
Western blotting analysis using anti-UFM1 antibody (Cat#ABG2194). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-UFM1 antibody (Cat#ABG2194, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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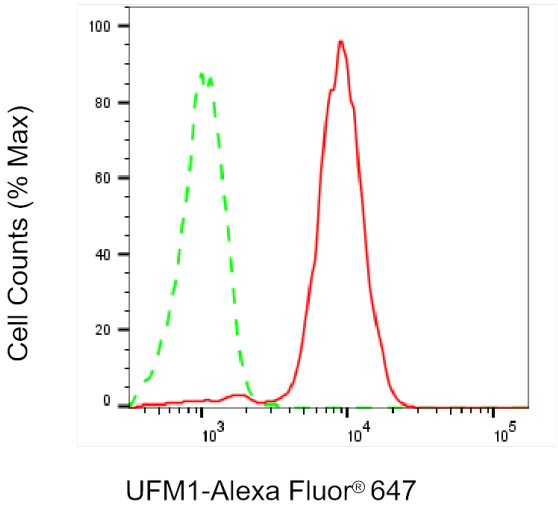
Western blotting analysis using anti-UFM1 antibody (Cat#ABG2194). UFM1 expression in wild-type (WT) and UFM1 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-UFM1 antibody (Cat#ABG2194, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of UFM1 expression in C2C12 cells using anti-UFM1 antibody (Cat#ABG2194, 1:2,000). Green, isotype control; red, UFM1.

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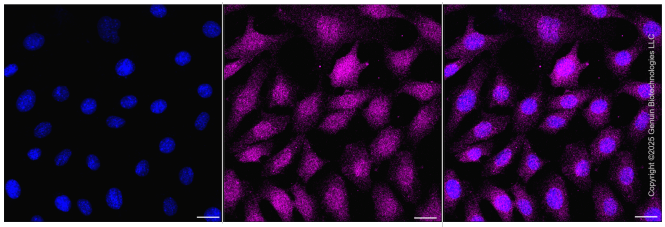

Immunocytochemical staining of C2C12 cells with anti-UFM1 antibody (Cat#ABG2194, 1:1,000). Nuclei were stained blue with DAPI; UFM1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.