

KD-Validated Anti-UCH L5 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

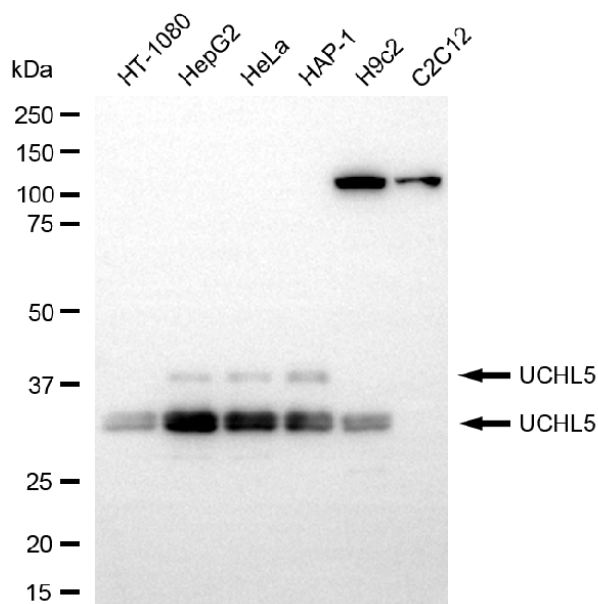
ABG2242

Product Overview

Name	KD-Validated Anti-UCH L5 Rabbit Monoclonal Antibody
Accession(Primary)	Q9Y5K5
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human UCH L5
Species Reactivity	Human, Rat
Calculated MW	Predicted, 38 kDa; observed, 33,38 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): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

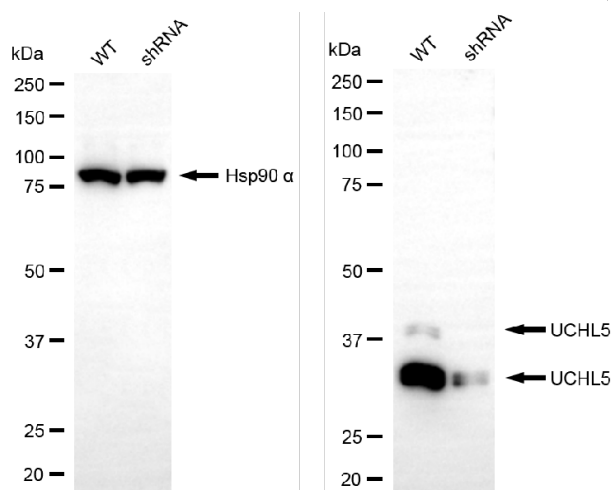
Target information (Q9Y5K5)

Gene Name	UCHL5
About Gene Symbol	UCHL5 (Ubiquitin C-Terminal Hydrolase L5) 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.



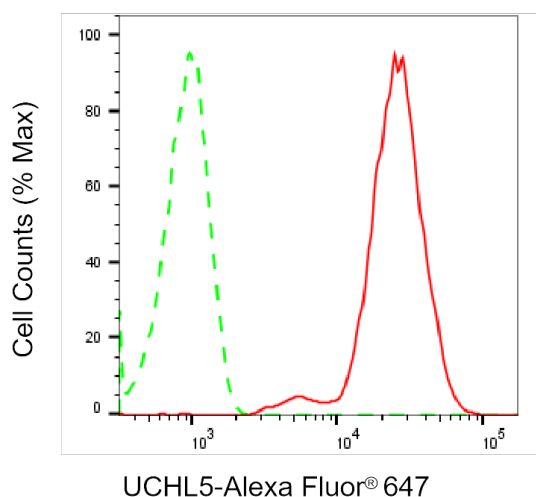
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Western blotting analysis using anti-UCHL5 antibody (Cat#ABG2242). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-UCHL5 antibody (Cat#ABG2242, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



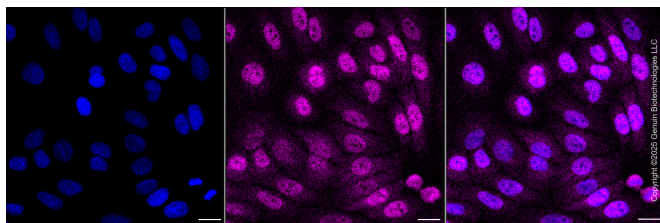
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Western blotting analysis using anti-UCHL5 antibody (Cat#ABG2242). UCHL5 expression in wild-type (WT) and UCHL5 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-UCHL5 antibody (Cat#ABG2242, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of UCHL5 expression in HepG2 cells using anti-UCHL5 antibody (Cat#ABG2242, 1:2,000). Green, isotype control; red, UCHL5.



Immunocytochemical staining of HepG2 cells with anti-UCHL5 antibody (Cat#ABG2242, 1:1,000).

Nuclei were stained blue with DAPI; UCHL5 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.