

KD-Validated Anti-HDHD5 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

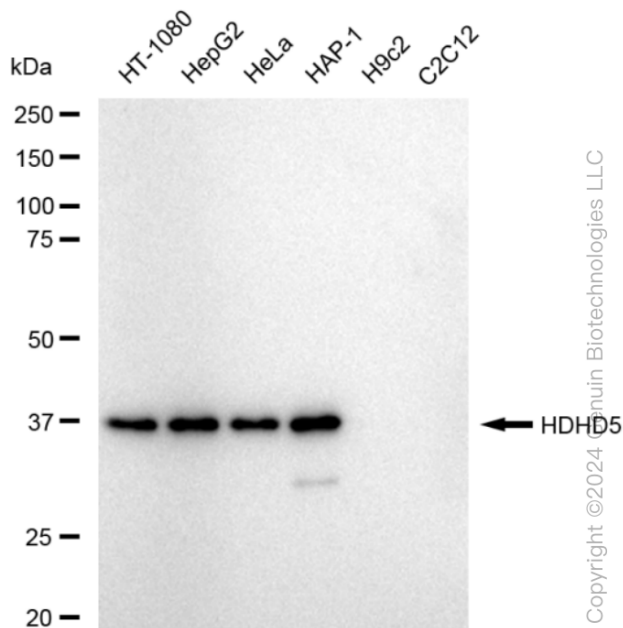
ABG1574

Product Overview

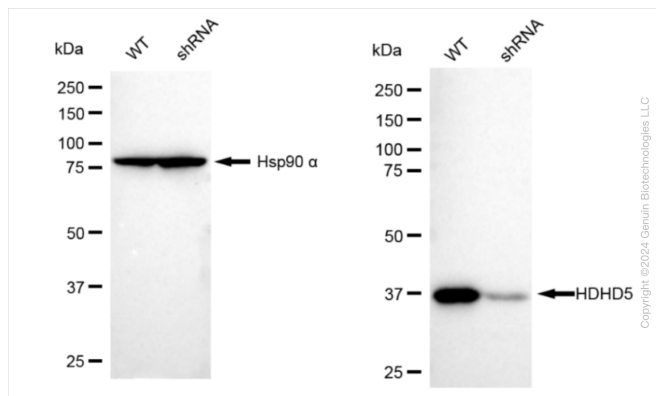
Name	KD-Validated Anti-HDHD5 Rabbit Monoclonal Antibody
Accession(Primary)	Q9BXW7
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CECR5
Species Reactivity	Human
Calculated MW	Predicted, 46 kDa , observed , 37 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM):1:2,000

Target information (Q9BXW7)

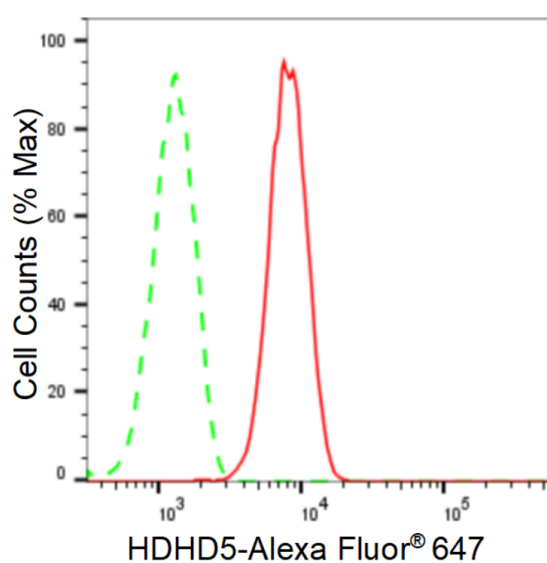
Gene Name	HDHD5
About Gene Symbol	HDHD5 (Haloacid Dehalogenase Like Hydrolase Domain Containing 5) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



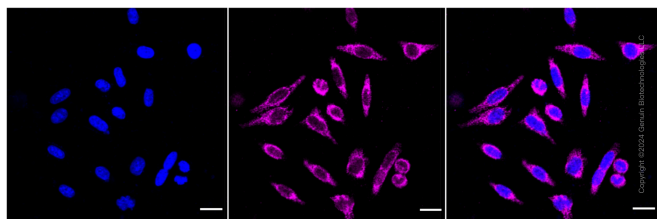
Western blotting analysis using anti-HDHD5 antibody (Cat#ABG1574). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HDHD5 antibody (Cat#ABG1574, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-HDHD5 antibody (Cat#ABG1574). HDHD5 expression in wild type (WT) and HDHD5 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-HDHD5 antibody (Cat#ABG1574, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of HDHD5 expression in HepG2 cells using anti-HDHD5 antibody (Cat#ABG1574, 1:2,000). Green, isotype control; red, HDHD5.



Immunocytochemical staining of HepG2 cells with anti-HDHD5 antibody (Cat#ABG1574, 1:1,000).

Nuclei were stained blue with DAPI; HDHD5 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.