

KD-Validated Anti-DLAT Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

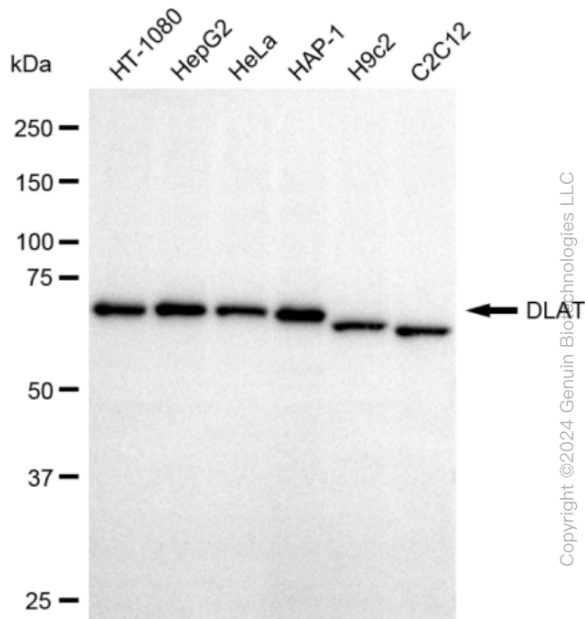
ABG2363

Product Overview

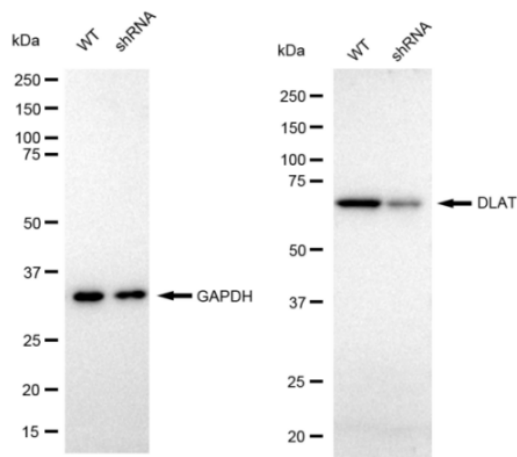
Name	KD-Validated Anti-DLAT Rabbit Monoclonal Antibody
Accession(Primary)	P10515
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human DLAT
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 69 kDa ; Observed, 71 kDa
Storage Buffer	Supplied 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 (P10515)

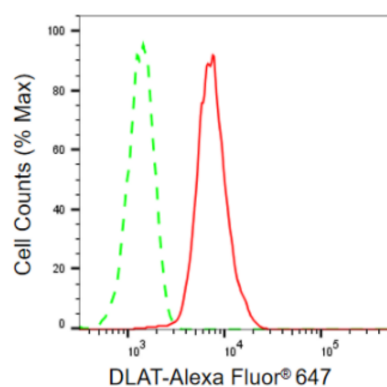
Gene Name	DLAT
About Gene Symbol	DLAT (Dihydrolipoamide S-Acetyltransferase) is a metabolic dehydrogenase involved in adaptive immunity. It is an important research target in fibrotic disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



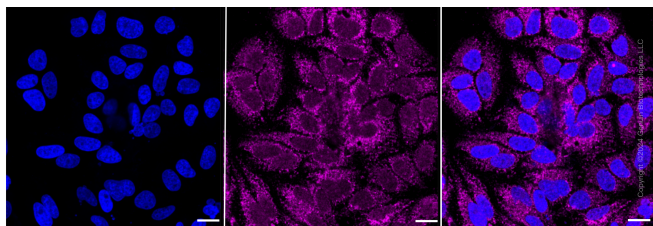
Western blotting analysis using anti-DLAT antibody (Cat#ABG2363). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DLAT antibody (Cat#ABG2363, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-DLAT antibody (Cat#ABG2363). DLAT expression in wild type (WT) and DLAT shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. GAPDH serves as a loading control. The blot was incubated with anti-DLAT antibody (Cat#ABG2363, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of DLAT expression in HepG2 cells using DLAT antibody (Cat#ABG2363, 1:2,000). Green, isotype control; red, DLAT.



Immunocytochemical staining of HepG2 cells with DLAT antibody (Cat#ABG2363, 1:1,000). Nuclei were stained blue with DAPI; DLAT 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.