

KD-Validated Anti-Lysine demethylase 1B Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

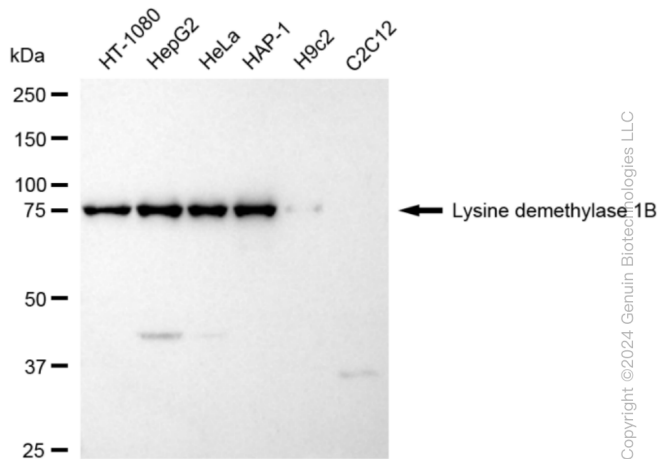
ABG1557

Product Overview

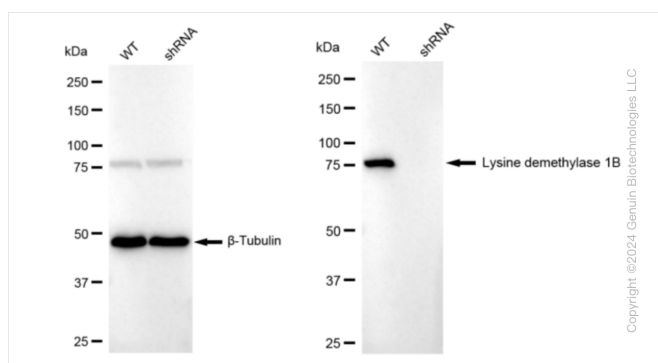
Name	KD-Validated Anti-Lysine demethylase 1B Rabbit Monoclonal Antibody
Accession(Primary)	Q8NB78
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human LSD2 / AOF1
Species Reactivity	Human, Rat
Calculated MW	Predicted, 92 kDa , observed, 75 kDa
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): 1:100-1:1,000

Target information (Q8NB78)

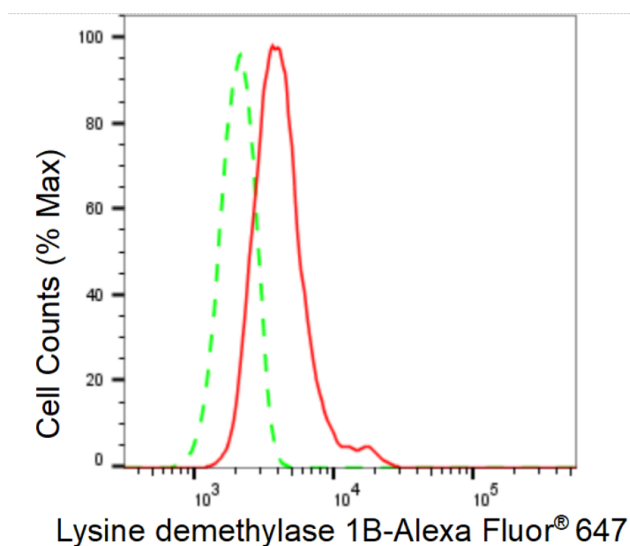
Gene Name	KDM1B
About Gene Symbol	KDM1B (Lysine Demethylase 1B) is a metabolic enzyme involved in chromatin remodeling and epigenetics. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



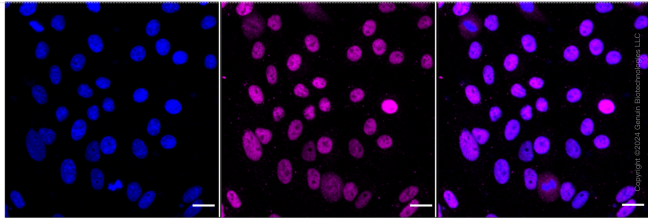
Western blotting analysis using anti-Lysine demethylase 1B antibody (Cat#ABG1557). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Lysine demethylase 1B antibody (Cat#ABG1557, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Lysine demethylase 1B antibody (Cat#ABG1557). Lysine demethylase 1B expression in wild type (WT) and Lysine demethylase 1B shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-Lysine demethylase 1B antibody (Cat#ABG1557, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Lysine demethylase 1B expression in HepG2 cells using Lysine demethylase 1B antibody (Cat#ABG1557, 1:2,000). Green, isotype control; red, Lysine demethylase 1B.



Immunocytochemical staining of HepG2 cells with anti-Lysine demethylase 1B antibody (Cat#ABG1557, 1:1,000). Nuclei were stained blue with DAPI; Lysine demethylase 1B 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.