

KO-Validated Anti-ALDH1A3 Mouse Monoclonal Antibody

Mouse monoclonal antibody

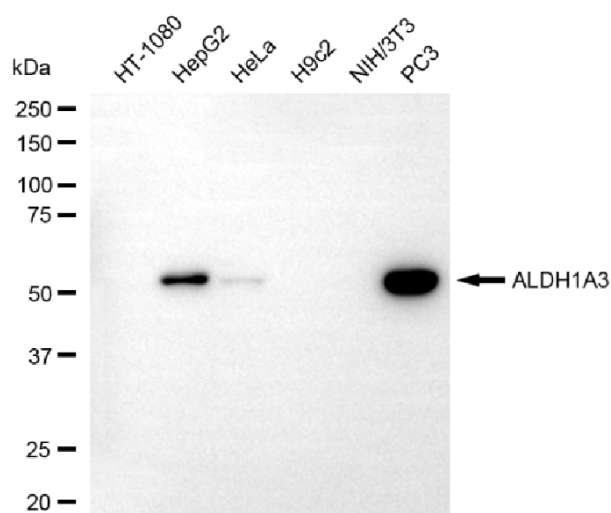
ABG2442

Product Overview

Name	KO-Validated Anti-ALDH1A3 Mouse Monoclonal Antibody
Accession(Primary)	P47895
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human ALDH1A3
Species Reactivity	Human
Calculated MW	Predicted, 56 kDa; observed, 56 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:500-1:2,500

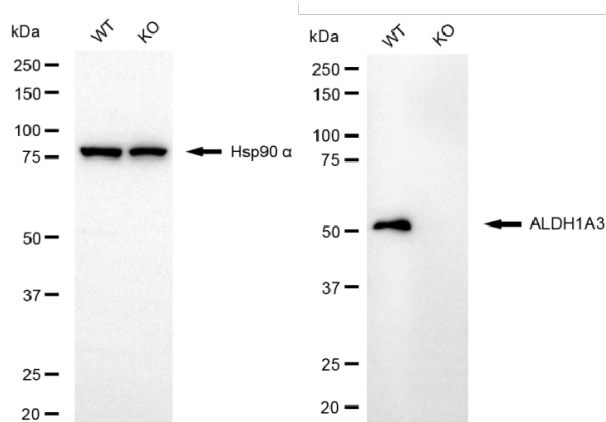
Target information (P47895)

Gene Name	ALDH1A3
About Gene Symbol	ALDH1A3 (Aldehyde Dehydrogenase 1 Family Member A3) is a metabolic dehydrogenase 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.



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Western blotting analysis using anti-ALDH1A3 antibody (Cat#ABG2442). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ALDH1A3 antibody (Cat#ABG2442, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-ALDH1A3 antibody (Cat#ABG2442). ALDH1A3 expression in wild-type (WT) and ALDH1A3 knockout (KO) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ALDH1A3 antibody (Cat#ABG2442, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.