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KD-Validated Anti-ALDH4A1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1117

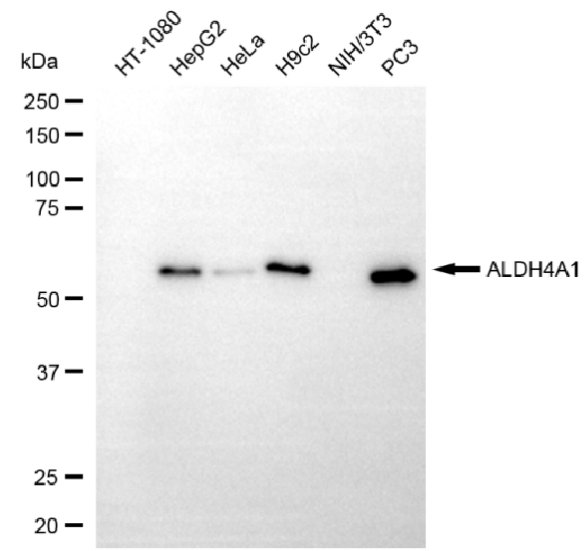
Product Overview

Name	KD-Validated Anti-ALDH4A1 Mouse Monoclonal Antibody
Accession(Primary)	P30038
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human ALDH4A1
Species Reactivity	Human, Rat
Calculated MW	Predicted, 62 kDa, observed, 62 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:2,500

Target information (P30038)

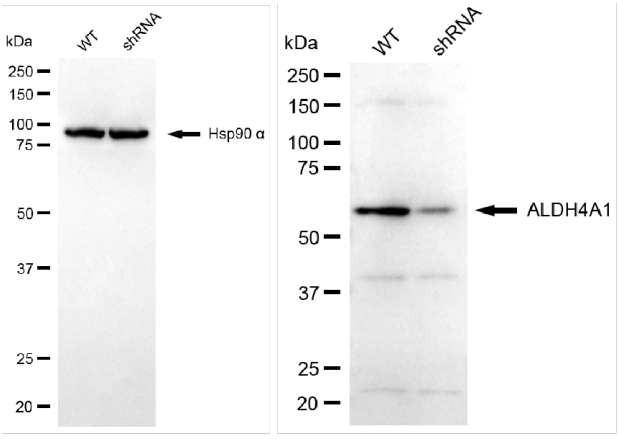
Gene Name	ALDH4A1
About Gene Symbol	ALDH4A1 (Aldehyde Dehydrogenase 4 Family Member A1) is a metabolic dehydrogenase involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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Western blotting analysis using anti-ALDH4A1 antibody (Cat#ABG1117). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ALDH4A1 antibody (Cat#ABG1117, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-ALDH4A1 antibody (Cat#ABG1117). ALDH4A1 expression in wild-type (WT) and ALDH4A1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ALDH4A1 antibody (Cat#ABG1117, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.