

Anti-ALDH1A1 (N-terminal region) Antibody

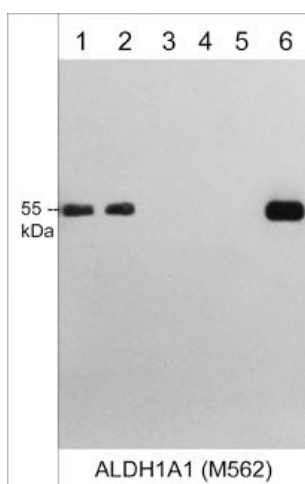


Product Details

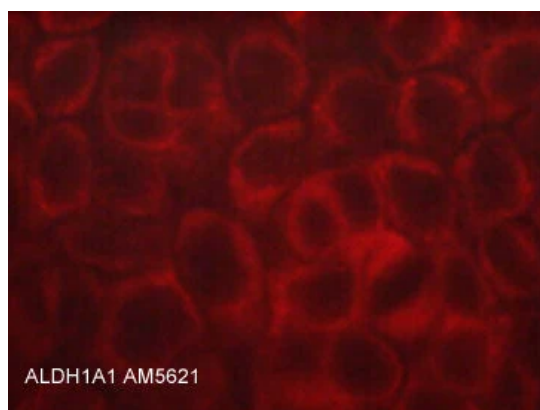
Available Variants	100 µL (SKU:AM5621)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	M562
Gene Name	ALDH1A1
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Human
Immunogen	Clone M562 was generated from a recombinant protein corresponding to amino acids in the N-terminal region from human ALDH1A1.
Specificity	This antibody detects a 55 kDa* protein on SDS-PAGE immunoblots of human A431, HepG2, and mouse liver, as well as human recombinant ALDH1A1. The antibody does not detect ALDH1A3 in PC3 cells, ALDH1A2 in Jurkat cells, and bovine tubulin (55 kDa).
Molecular Weight	55
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	<u>P00352</u>
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blot image of human A431 (lane 1), HepG2 (lane 2), PC3 (lane 3), Jurkat (lane 4), bovine tubulin (lane 5), and recombinant human ALDH1A1 (lane 6). The blot was probed with mouse monoclonal ALDH1A1 M562 (lanes 1-6) at a dilution of 1:1,000.



Immunocytochemical labeling of ALDH1A1 in aldehyde fixed and NP-40 permeabilized human A431 cells. The cells were labeled with mouse monoclonal anti-ALDH1A1 (AM5621). The antibody was detected using goat anti-mouse DyLight® 594.



Created on 09. September 2026 | All information without guarantee