

DATASHEET

ALDH2 Mouse Monoclonal Antibody(C3364)

CAT. NO. AMA02976

KEY FEATURES

Target	ALDH2	Source / Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey, Hamster	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.	Storage	at-20°C

BACKGROUND

Required for clearance of cellular formaldehyde, a cytotoxic and carcinogenic metabolite that induces DNA damage.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

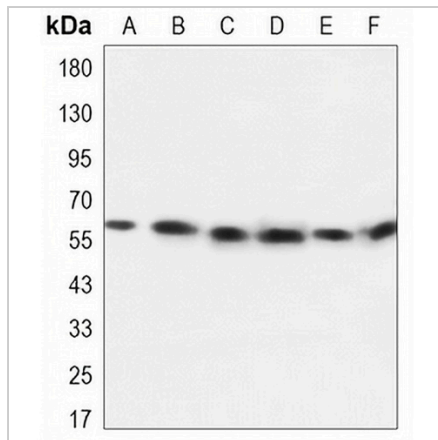
Description	Mouse monoclonal antibody to ALDH2
Specificity	Recognizes endogenous levels of ALDH2 protein.
Antibody Type	Primary antibody
Immunogen	Purified recombinant human ALDH2 protein fragments expressed in E.coli
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 56 kD; Observed: 56 kD
Form/Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Alternative Names	ALDM; Aldehyde dehydrogenase mitochondrial; ALDH class 2; ALDH-E2; ALDHI
Gene Symbol	ALDH2
Entrez Gene	217(Human); 11669(Mouse); 29539(Rat)
SwissProt	P05091(Human); P47738(Mouse); P11884(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of ALDH2 expression in HeLa (A), NIH3T3 (B), C6 (C), COS7 (D), CHOK1 (E), A549 (F) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 56 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.