

# Anti-Aldehyde dehydrogenase 10 [2A7] Monoclonal Antibody -Knockout Validated

AGMB06670

## Description

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This Anti-Aldehyde dehydrogenase 10 [2A7] Monoclonal Antibody -Knockout Validated is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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|-----------------------|---|
| <b>SKU:</b>           | AGMB06670   |
| <b>Contents:</b>      | 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)   |
| <b>Synonyms:</b>      | ALDH3A2, ALDH10, FALDH, Fatty aldehyde dehydrogenase, Aldehyde dehydrogenase 10, Aldehyde dehydrogenase family 3 member A2, Microsomal aldehyde dehydrogenase |
| <b>Applications:</b>  | <b>WB IHC-P</b>   |
| <b>Research Area:</b> | Cardiovascular  |
| <b>Form:</b>          | Liquid  |

## Antibody Data

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|----------------------|---|
| <b>Reactivity:</b>   | Human, Rat  |
| <b>Clone:</b>        | 2A7   |
| <b>Clonality:</b>    | Monoclonal Antibody   |
| <b>SwissProt ID:</b> | P51648  |
| <b>Immunogen:</b>    | Full length human recombinant protein of human ALDH3A2 produced in 293T cell. |

### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Gene ID:** 224

**Gene Name:** ALDH3A2

**Host Species:** Mouse

**Isotype:** IgG2b

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 55 kDa, Observed MW: 50 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in PBS containing 50% glycerol, 1% BSA and 0.02% sodium azide, pH 7.3.

| <b>Antibody Dilution Ratio:</b> | <b>Application</b> | <b>Antibody Dilution Ratio</b> |
|---------------------------------|--------------------|--------------------------------|
|                                 | WB                 | 1:500-1:1000                   |
|                                 | IHC                | 1:50-1:100                     |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.