

# Anti-ALDH1A1 [R02-3H-4] Monoclonal Antibody

## AGMB03511

### Description

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This Anti-ALDH1A1 [R02-3H-4] Monoclonal Antibody 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>           | AGMB03511                                                                                                                                                            |
| <b>Contents:</b>      | 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)                                                                                                                        |
| <b>Synonyms:</b>      | ALDH1A1, ALDC, ALDH1, PUMB1, Retinal dehydrogenase 1, RALDH 1, RaLDH1, ALDH-E1, ALHDII, Aldehyde dehydrogenase family 1 member A1, Aldehyde dehydrogenase, cytosolic |
| <b>Applications:</b>  | <b>IHC-P</b>                                                                                                                                                         |
| <b>Research Area:</b> | Neuroscience                                                                                                                                                         |
| <b>Form:</b>          | Liquid                                                                                                                                                               |

### Antibody Data

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|----------------------|--------------------------------------------------|
| <b>Reactivity:</b>   | Human                                            |
| <b>Clone:</b>        | R02-3H-4                                         |
| <b>Clonality:</b>    | Monoclonal Antibody                              |
| <b>SwissProt ID:</b> | P00352                                           |
| <b>Immunogen:</b>    | A synthesized peptide derived from human ALDH1A1 |
| <b>Gene ID:</b>      | 216                                              |

#### Manufacturers Statement

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

**Gene Name:** ALDH1A1

**Host Species:** Rabbit

**Isotype:** IgG

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** -

## 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 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

| Antibody Dilution Ratio: | Application | Antibody Dilution Ratio |
|--------------------------|-------------|-------------------------|
|                          | IHC-P       | 1:20-1:50               |

**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.