# Anti-ALDEHYDE DEHYDROGENASE (Yeast) (RABBIT) Antibody - 100-4144

**Code:** 100-4144 **Size:** 2 mL

**Product Description:** Anti-ALDEHYDE DEHYDROGENASE (Yeast) (RABBIT) Antibody - 100-4144

**Concentration:** 85 mg/mL by Refractometry

**PhysicalState:** Lyophilized

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| **Label** | Unconjugated |
| **Host** | Rabbit |
| **Gene Name** | ALD2, ALD5 |
| **Species Reactivity** | Saccharomyces cerevisiae (Baker's yeast) |
| **Buffer** | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| **Reconstitution Volume** | 2.0 mL |
| **Reconstitution Buffer** | Restore with deionized water (or equivalent) |
| **Stabilizer** | None |
| **Preservative** | 0.01% (w/v) Sodium Azide |
| **Storage Condition** | Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |
| **Synonyms** | Aldehyde dehydrogenase [NAD(P)+] 1<br>ALD2, ALD5 |
| **Application Note** | This product has been assayed against 1.0 ug of Aldehyde Dehydrogenase [Yeast] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:3,000 to 1:16,000 of the reconstitution concentration is suggested for this product. |
| **Purity And Specificity** | This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Aldehyde Dehydrogenase [Yeast]. Cross reactivity against Aldehyde Dehydrogenase from other tissues and species may occur but have not been specifically determined. |
| **Assay Dilutions** | User Optimized |
| **ELISA** | 1:5,000 - 1:20,000 |
| **WESTERN BLOT** | 1:500 - 1:5,000 |
| **OTHER ASSAYS** | User Optimized |
| **Expiration** | Expiration date is one (1) year from date of opening. |
| **Immunogen** | Aldehyde Dehydrogenase [Yeast] |

**Related Products**

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| 100-101-214 | Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody - 100-101-214 |
| 100-1153 | Anti-GLUCOSE-6-PHOSPHATE DEHYDROGENASE (GOAT) Antibody - 100-1153 |
| 100-4158 | Anti-GLUTAMATE DEHYDROGENASE (Bovine Liver) (RABBIT) Antibody - 100-4158 |

**Related Links**

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|---|---|
| UniProtKB | http://www.uniprot.org/uniprot/P47771 |
| NCBI - P47771.2 | http://www.ncbi.nlm.nih.gov/protein/P47771.2 |

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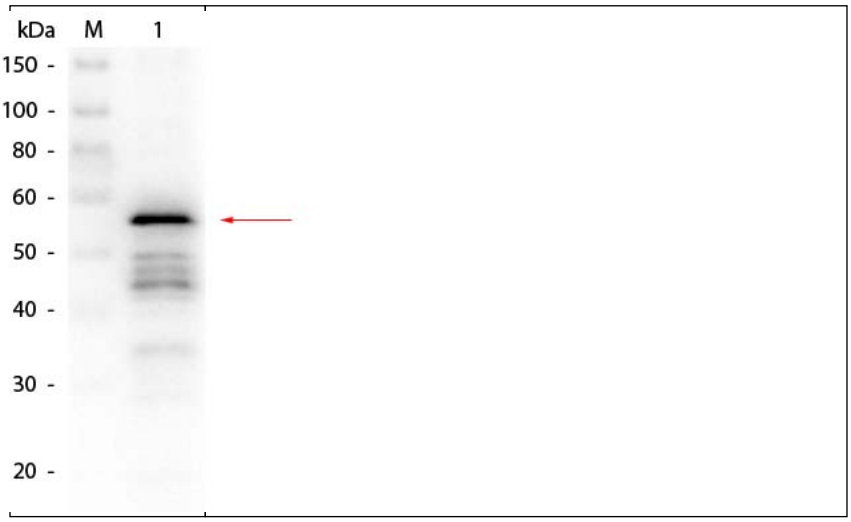
| UniProt - P47771 | http://www.uniprot.org/uniprot/P47771 |
| Gene ID - 855206 | http://www.ncbi.nlm.nih.gov/gene/855206 |

**Images**

1 Western Blot of Rabbit anti-Aldehyde Dehydrogenase (yeast) Antibody. Lane 1: Aldehyde Dehydrogenase (yeast). Load: 50 ng per lane.Primary antibody: Rabbit anti-Aldehyde Dehydrogenase (yeast) Antibody at 1:500 overnight at 4°C.Secondary antibody: Peroxidase Conjugated Goat anti-Rabbit IgG secondary antibody (p/n 611-103-122) at 1:40,000 for 30 min at RT.Block: MB-070 for 30 min at RT.Predicted/Observed size: 55 kDa, 55 kDa for Aldehyde Dehydrogenase (yeast).

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