

Polyclonal Antibody to Aldehyde Dehydrogenase (pan ALDH) - Ig Fraction

Catalog No.:	R1050P
Quantity:	50 mg
Concentration:	10.0 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Aldehyde Dehydrogenase [Yeast].
Format:	<p>State: Lyophilized purified Ig fraction.</p> <p>Purification: Multi-step process.</p> <p>Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide.</p> <p>Reconstitution: Restore with 5.0 ml of deionized water (or equivalent).</p>
Applications:	<p>Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoprecipitation, Conjugation and most immunological methods requiring high titer and specificity.</p> <p><u>Recommended Dilutions:</u> This product has been assayed against 1.0 µg of Aldehyde Dehydrogenase [Yeast] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) (R1364HRP) and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:8,000 to 1:32,000 of the reconstitution concentration is suggested for this product.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.</p> <p>Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Aldehyde Dehydrogenase [Yeast].</p> <p>Cross reactivity against Aldehyde Dehydrogenase from other tissues and species may occur but have not been specifically determined</p>
Storage:	<p>Store vial at 2-8°C prior to restoration. Centrifuge product if not completely clear after standing at room temperature. For extended storage aliquot contents and freeze at -20°C or below.</p> <p>This product is stable for one month at 2-8°C as an undiluted liquid.</p> <p>Dilute only prior to immediate use.</p> <p>Avoid cycles of freezing and thawing.</p> <p>Shelf life: One year from despatch.</p>