

Product Datasheet

alcohol dehydrogenase Antibody [Biotin] NB100-2001-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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NB100-2001-0.1mg

alcohol dehydrogenase Antibody [Biotin]

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	Biotin
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C 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 4C as an undiluted liquid. Dilute only prior to immediate use. This antibody 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Rabbit Serum as well as purified and partially purified Alcohol Dehydrogenase [Yeast]
Host	Rabbit
Gene ID	124
Gene Symbol	ADH1A
Species	Yeast
Reactivity Notes	Cross reactivity against alcohol dehydrogenase from other sources may occur but have not been specifically determined.
Specificity/Sensitivity	Recognises Alcohol Dehydrogenase. Cross reactivity against Alcohol Dehydrogenase from other sources may occur but have not been specifically determined.
Immunogen	alcohol dehydrogenase [Yeast] (Uniprot: P00330)

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:5000, ELISA 1:5000 - 1:20000, Immunoprecipitation 1:100

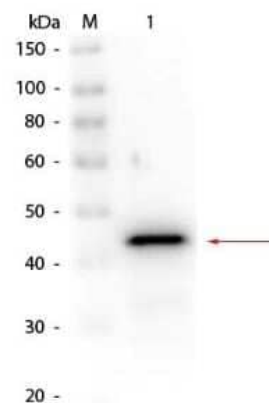


Application Notes

This product has been tested in ELISA and Western blot. This product is assayed against 1.0 ug of Alcohol Dehydrogenase in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.

Images

Western Blot: alcohol dehydrogenase Antibody [Biotin] [NB100-2001] - Lane 1: Alcohol Dehydrogenase (yeast). Load: 50 ng per lane. Primary antibody: Rabbit anti-Alcohol Dehydrogenase (Yeast) Antibody Biotin Conjugated at 1:1,000 overnight at 4C. Secondary antibody: Peroxidase Streptavidin Antibody at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 37 kDa, 45 kDa for Alcohol Dehydrogenase (yeast).





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Products Related to NB100-2001-0.1mg

NBP2-29370	Streptavidin Native Protein
NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
NBP2-53077-50ug	Recombinant Human alcohol dehydrogenase His Protein
NBP2-66645	Human alcohol dehydrogenase ELISA Kit (Chemiluminescence)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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