

Product Datasheet

alcohol dehydrogenase Antibody - BSA Free NB600-912-100ug

Unit Size: 100 ug

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

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NB600-912-100ug

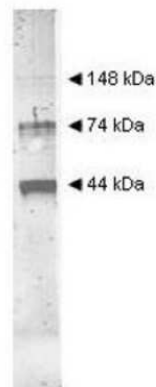
alcohol dehydrogenase Antibody - BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. 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
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	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-Rabbit Serum as well as purified and partially purified Alcohol Dehydrogenase [Yeast] 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.
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 1:500-1:2000, ELISA 1:5000-1:20000, Immunoprecipitation 1:100
Application Notes	This product has been tested by western blot and is suitable for use in ELISA and immunoprecipitation. Specific conditions for reactivity should be optimized by the end user.

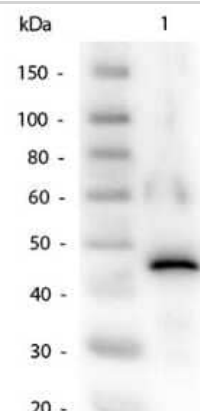


Images

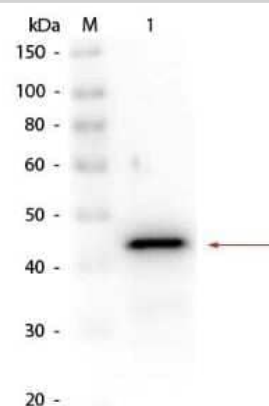
Western Blot: alcohol dehydrogenase Antibody [NB600-912] - Analysis using Azide/BSA FREE version of NB600-912. Detection of yeast Alcohol Dehydrogenase. Comparison to molecular weight markers (not shown) indicates estimated molecular weights consistent with monomer, dimer and tetramer present in this preparation. The blot was incubated with a 1:500 dilution of the antibody at room temperature for 2 h followed by detection using 800 labeled Goat-a-Rabbit IgG [H&L] diluted 1:5,000 for 45 min at room temperature.



Western Blot: alcohol dehydrogenase Antibody [NB600-912] - Lane 1: Alcohol Dehydrogenase. Load: 50ng per lane. Primary antibody: Alcohol Dehydrogenase Antibody at 1:1,000 overnight at 4C. Secondary antibody: Peroxidase Conjugated Rabbit secondary antibody at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 37kDa, 45kDa.



Western Blot: alcohol dehydrogenase Antibody [NB600-912] - Analysis using Biotin conjugate of NB600-912. 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).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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