

Product Datasheet

Uricase Antibody [Biotin] NB100-2022-0.1mg

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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NB100-2022-0.1mg

Uricase Antibody [Biotin]

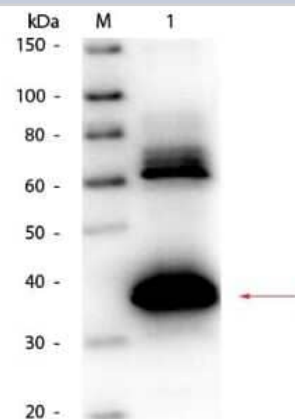
Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized 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	<p>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.</p> <p>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-Goat Serum as well as purified and partially purified Uricase [Bacillus species]</p>
Host	Goat
Gene ID	391051
Gene Symbol	UOX
Species	Bacteria
Reactivity Notes	Reactive with Uricase from Bacillus species. Cross reactivity against Uricase from other sources is unknown
Specificity/Sensitivity	Cross reactivity against Uricase from other sources is unknown.
Immunogen	Uricase [Bacillus species] (Uniprot: Q5WBJ3)

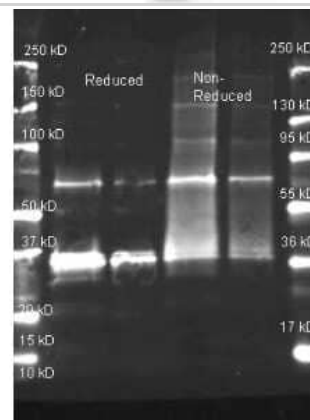
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:5000, ELISA 1:5000 - 1:20000, Immunoprecipitation 1:100
Application Notes	This product has been tested by ELISA and western blot. This product is suitable to be assayed against 1.0 ug of Uricase in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:53,000 of the reconstitution concentration is suggested for This product .

Images

Western Blot: Uricase Antibody [HRP] [NB100-2022] - Lane 1: Uricase (Bacillus). Load: 50 ng per lane. Primary antibody: Goat anti-Uricase Antibody (Bacillus Species) Biotin Conjugated at 1:1,000 overnight at 4C. Secondary antibody: HRP streptavidin secondary antibody at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 39 kDa, 39 kDa for Uricase.



Western Blot: Uricase Antibody [HRP] [NB100-2022] - Lane 1: purified Uricase under reducing conditions. Lane 2: purified Uricase under reducing conditions. Lane 3: purified Uricase under non-reducing conditions. Lane 4: purified Uricase under non-reducing conditions. Load: ~1.0 ug (Lane 1 and 3) and 0.25 ug (Lane 2 and 4). Primary antibody: Uricase Peroxidase conjugated Antibody at 1:5,000 overnight at 4C. Secondary antibody: DyLight (TM) 649 goat secondary antibody at 1:10,000 for 90 min at RT. Block: 5% BLOTTO overnight at 4C. Predicted/Observed size: 58 kDa, 58 kDa for Uricase. Other band(s): Uricase splice variants and isoforms.





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Products Related to NB100-2022-0.1mg

BAF108	Goat IgG Isotype Control [Biotin]
NB100-56503	Cytochrome c Antibody (7H8.2C12) - BSA Free
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum
AF3398	Catalase Antibody [Unconjugated]

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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