

# Product Datasheet

## Sarcosine oxidase Antibody [Biotin] NB100-2021-0.1mg

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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**NB100-2021-0.1mg**

Sarcosine oxidase 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

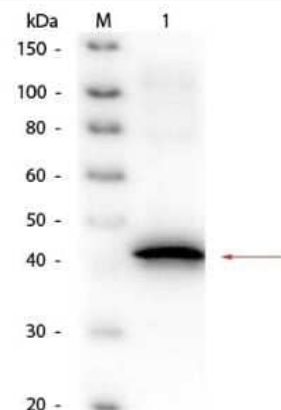
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 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 Sarcosine Oxidase [Microbial]</p>
Host	Goat
Species	Bacteria
Reactivity Notes	Cross reactivity against Sarcosine oxidase from other sources is unknown.
Specificity/Sensitivity	Cross reactivity against Sarcosine oxidase from other sources is unknown.
Immunogen	Sarcosine oxidase [Microbial] (Uniprot: Q46337)

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA 1:1000-1:2500, 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 Sarcosine Oxidase 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 1:20,000 of the reconstitution concentration is suggested for this product.



## Images

Western Blot: Sarcosine oxidase Antibody [Biotin] [NB100-2021] - Lane 1: Sarcosine Oxidase (Microbial). Load: 50 ng per lane. Primary antibody: Goat anti-Sarcosine Oxidase (Microbial) Antibody 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: 45 kDa, 45 kDa for Sarcosine Oxidase monomeric alpha subunit.



Western Blot: Sarcosine oxidase Antibody [Biotin] [NB100-2021] - Detection of Sarcosine Oxidase. Samples of 1 and 0.25 ug of purified Sarcosine Oxidase per lane were run by SDS-PAGE under reducing and non-reducing conditions and reduced samples contained 4% BME and were boiled for 5 minutes. Protein was transferred to nitrocellulose and probed with Goat anti Sarcosine Oxidase. Primary antibody was detected with Dylight 649 conjugated Donkey anti Goat, 1:10K 1.5 hr RT in and imaged on the VersaDoc imaging system.





### **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

### **Products Related to NB100-2021-0.1mg**

BAF108	Goat IgG Isotype Control [Biotin]
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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.

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