

Product Datasheet

N-acylmannosamine 1-dehydrogenase Antibody [HRP] **NBP1-77565-0.1mg**

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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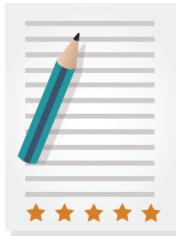
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NBP1-77565-0.1mg**N-acylmannosamine 1-dehydrogenase Antibody [HRP]****Product Information**

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% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	HRP
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

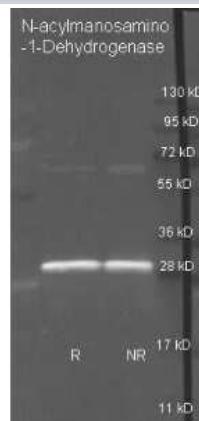
Description	Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. N-Acylmannosamine-1-Dehydrogenase 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-Peroxidase, anti-Goat Serum, and purified and partially purified N-Acylmannosamine-1-Dehydrogenase derived from <i>Pseudomonas</i> .
Host	Goat
Species	Bacteria
Reactivity Notes	Cross reactivity against N-acylmannosamine 1-dehydrogenase from other sources is unknown.
Immunogen	N-acylmannosamine 1-dehydrogenase [Recombinant Sequence from <i>Pseudomonas</i> expressed in E.coli] (Uniprot: P22441)

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 assayed against 1.0 ug of N-Acylmannosamine-1-Dehydrogenase IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenzthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:16,000 is suggested for this product. NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).

Images

Western Blot: Cholesterol Oxidase Antibody [HRP] [NBP1-77565] - Detection of purified N-acylmannosamin-1-Dehydrogenase under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified target proteins contained 4% BME and were boiled for 5 minutes. Samples of 1ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with 1:3000 dilution of primary antibody. Detection shown was using Dylight 488 conjugated Donkey anti goat.





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NBP1-96886

Goat IgG Isotype Control [HRP]

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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