

**Anti-N-ACYLMANNOSAMINE-1-DEHYDROGENASE (Pseudomonas) (GOAT) Antibody
Peroxidase Conjugated**
N-Acylmannosamine-1-Dehydrogenase Antibody Peroxidase Conjugated
Catalog # ASR3996

Specification

**Anti-N-ACYLMANNOSAMINE-1-DEHYDROGENASE (Pseudomonas) (GOAT) Antibody
Peroxidase Conjugated - Product Information**

Host	Goat
Conjugate	Peroxidase (Horseradish)
Target Species	Pseudomonas
Reactivity	Bacteria
Clonality	Polyclonal
Application	WB, E, IP, I, LCI
Application Note	Anti-N-Acylmannosamine-1-Dehydrogenase 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-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 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.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	N-Acyl Mannosamine-1-Dehydrogenase [Recombinant Sequence from Pseudomonas expressed in E.coli]
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

**Anti-N-ACYLMANNOSAMINE-1-DEHYDROGENASE (Pseudomonas) (GOAT) Antibody
Peroxidase Conjugated - Additional Information**

Other Names

7614553

Purity

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 Pseudomonas.

Storage Condition

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C 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 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-N-ACYLMANNOSAMINE-1-DEHYDROGENASE (Pseudomonas) (GOAT) Antibody Peroxidase Conjugated - Protein Information

Name DHMA

Function

Acts on acetyl-D-mannosamine and glycolyl-D-mannosamine.

Anti-N-ACYLMANNOSAMINE-1-DEHYDROGENASE (Pseudomonas) (GOAT) Antibody Peroxidase Conjugated - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-N-ACYLMANNOSAMINE-1-DEHYDROGENASE (Pseudomonas) (GOAT) Antibody Peroxidase Conjugated - Images**Anti-N-ACYLMANNOSAMINE-1-DEHYDROGENASE (Pseudomonas) (GOAT) Antibody Peroxidase Conjugated - Background**

N-Acylmannosamine-1-Dehydrogenase acts on acetyl-D-mannosamine and glycolyl-D-mannosamine. This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD⁺ or NADP⁺ as acceptor.