

Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Biotin Conjugated
Glucose Dehydrogenase Antibody Biotin Conjugated
Catalog # ASR4043

Specification

Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Biotin Conjugated - Product Information

Host	Goat
Conjugate	Biotin
Target Species	Bacillus
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	Anti-Glucose Dehydrogenase has been assayed against 1.0 ug of Glucose Dehydrogenase in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azin o-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 1:20,000 of the reconstitution concentration is suggested for this product.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Glucose Dehydrogenase [Bacillus species]
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) Sodium Azide

Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Biotin Conjugated - Additional Information

Other Names
8985276

Purity

Anti-Glucose 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-Biotin, anti-Goat Serum as well as purified and partially purified Glucose Dehydrogenase [Bacillus species]. Cross reactivity against Glucose Dehydrogenase from other sources is unknown.

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-GLUCOSE DEHYDROGENASE (GOAT) Antibody Biotin Conjugated - Protein Information

Name gdhB

Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Biotin 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-GLUCOSE DEHYDROGENASE (GOAT) Antibody Biotin Conjugated - Images**Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Biotin Conjugated - Background**

Anti-Glucose Dehydrogenase antibody recognizes glucose dehydrogenase. A member of the oxidoreductase family that acts on CH-OH group on donors, glucose dehydrogenase uses NAD⁺ or NADP⁺ as the acceptor. Glucose dehydrogenase reacts with beta-D-glucose to produce D-glucono-1,5-lactone and depending on the acceptor, either NADH or NADPH. Anti-Glucose Dehydrogenase is ideal for investigators interested in Metabolism, Cancer, and Signal Transduction.