

Anti-GLUCOSE OXIDASE (GOAT) Antibody Peroxidase Conjugated
Glucose Oxidase Antibody Peroxidase Conjugated
Catalog # ASR4088

Specification

Anti-GLUCOSE OXIDASE (GOAT) Antibody Peroxidase Conjugated - Product Information

Host	Goat
Conjugate	Peroxidase (Horseradish)
Target Species	Aspergillus niger
Reactivity	Aspergillus niger
Clonality	Polyclonal
Application	WB, IHC, E, I, LCI
Application Note	Anti-Glucose Oxidase is useful in ELISA, western blot, and immunohistochemistry. Optimal titers should be reached by researchers.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Glucose Oxidase [Aspergillus niger]
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-GLUCOSE OXIDASE (GOAT) Antibody Peroxidase Conjugated - Additional Information

Purity

Glucose Oxidase 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 as well as purified and partially purified Glucose Oxidase [Aspergillus niger]. Cross reactivity against Glucose Oxidase from other tissues and species may occur but has not been specifically determined.

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 OXIDASE (GOAT) Antibody Peroxidase Conjugated - Protein Information

Name gox

Cellular Location
Secreted.

Anti-GLUCOSE OXIDASE (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-GLUCOSE OXIDASE (GOAT) Antibody Peroxidase Conjugated - Images

Anti-GLUCOSE OXIDASE (GOAT) Antibody Peroxidase Conjugated - Background

Glucose Oxidase is an oxido-reductase that catalyzes the oxidation of glucose to hydrogen peroxide and D-glucono- δ -lactone. In cells, it aids in breaking the sugar down into its metabolites, used for the determination of free glucose in body fluids, and has many applications in biotechnologies.