

Product datasheet for **R1083HRPS**

Glucose Oxidase Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	Immunoblotting (Western or dot blot): 1/1,000-1/5,000. ELISA: 1/5,000-1/25,000. Immunohistochemistry: 1/500-1/2,500.
Reactivity:	Aspergillus
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Glucose Oxidase from Aspergillus niger
Specificity:	Immuno-electrophoresis give a single precipitin arc against anti-peroxidase, anti-rabbit 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 have not been specifically determined.
Formulation:	0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2 Label: HRP State: Purified State: Lyophilized purified IgG fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Gentamicin sulfate (Do not add Sodium azide!) Label: Horseradish peroxidase
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	HRP
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.



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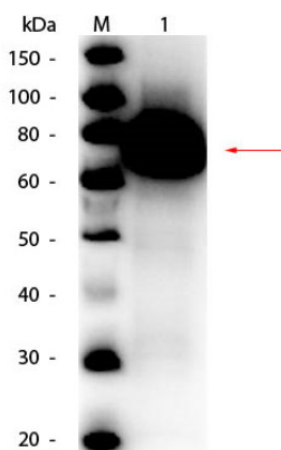
Stability: Shelf life: one year from despatch.

Database Link: [P13006](#)

Background: Glucose Oxidase is widely used for the determination of glucose in body fluids and in removing residual glucose or oxygen from foods and beverages. Glucose Oxidase producing moulds such as *Aspergillus* and *Penicillium* species are used for the biological production of gluconic acid.

Synonyms: Glucose oxyhydrase, Beta-D-glucose:oxygen 1-oxido-reductase, gox

Product images:



Western Blot of Rabbit anti-Glucose Oxidase Antibody Peroxidase Conjugated. Lane 1: Glucose Oxidase. Load: 50 ng per lane. Primary antibody: Rabbit anti-Glucose Oxidase Antibody Peroxidase Conjugated at 1:1,000 overnight at 4°C. Secondary antibody: n/a. Block: MB-070 for 30 min at RT. Predicted/Observed size: 66 kDa, 66 kDa for Glucose Oxidase. Detected using FEMTOMAX-110 substrate.