

Glucose Oxidase Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype	Size	Library Pack No.	100ug/clone
13101	GO13-103.6.2	IgG1	100ug, 500ug	131101	All 3 clones
13102	GO13-102.2.3.3	IgG1	100ug, 500ug		
13103	GO14-6.6.1.2	IgG1	100ug, 500ug		

Format: Protein G-purified antibody in PBS, pH 7.4.

BACKGROUND

Glucose oxidase (β -D-glucose:oxygen 1-oxidoreductase) catalyzes the oxidation of β -D-glucose to gluconic acid, by utilizing molecular oxygen as an electron acceptor with simultaneous production of hydrogen peroxide. Microbial glucose oxidase is currently receiving much attention due to its wide applications in chemical, pharmaceutical, food, beverage, clinical chemistry, biotechnology and other industries. Novel applications of glucose oxidase in biosensors have increased the demand in recent years.

SPECIFICATION SUMMARY

Antigen: Purified glucose oxidase from *Aspergillus niger*.

Host Species: Mouse

Specificity: These antibodies recognize glucose oxidase of *Aspergillus niger*.

APPLICATIONS

These antibodies have been qualified for use in ELISA to detect glucose oxidase.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.