Mouse Neisseria gonorrhoeae Monoclonal Antibody

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CATALOG #	HOST	APPLICATIONS
AAA47703	**Mouse**	**ELISA**

PRODUCT SYNONYMS

Neisseria gonorrhoeae; Monoclonal Antibody; Neisseria gonorrhoeae Monoclonal Antibody; Anti-Neisseria gonorrhoeae; anti-Neisseria gonorrhoeae antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	GC12-323.6
Specificity	These antibodies recognize N. gonorrhoeae. They do not cross-react with N. meningitides, N. cinerea, N. lactamica, N. sicca, B. catarrhalis, E. coli, Proteus mirabilis, Gardnerella vaginalis, Group B Strep. or Chlamydia trachomatis.
Form/Format	*PEG-purified antibody in PBS, pH 7.4 **Protein G-purified antibody in PBS, pH 7.4
Concentration	1.6 mg/ml (varies by lot)
Applicable Applications for anti-Neisseria gonorrhoeae antibody	ELISA
Antigen	Pool of UV-inactivated Neisseria gonorrhoeae cells: Neisseria Reference laboratory strains G-7, R-11, and 7122 (W-I), 5766 and 8038 (W-II), and 8660 (W-III).
Appearance	Clear liquid
Preparation and Storage	These antibodies are stable for at least one (1) year at -20 degree C to -70 dgree C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-Neisseria gonorrhoeae antibody	Neisseria gonorrhoeae is a gram-negative coccus and is the cause of the sexually transmitted disease gonorrhea with humans as its only natural host. Although it does not produce any exotoxins, Neisseria gonorrhoeae has a wide range of virulence determinants. The first stages of infection, which include adherence and invasion, are mediated by surface components; N. gonorrhoeae first attaches to epithelial cells by means of its fimbriae. After initial attachment, the bacteria enter a second stage of binding mediated by the outer membrane protein P.II (also known as Opa) which is needed for tight binding and invasion of epithelial cells. P.II from one bacterium will bind to lipooligosaccharide of an adjacent bacterium, which allows for the construction of a small colony that may function similarly to a biofilm. Neisseria gonorrhoeae also produces an IgA1 protease that may take part in the colonization stage.
Product Categories/Family for anti-Neisseria gonorrhoeae antibody	Infectious Disease Antibodies

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/neisseria-gonorrhoeae-antibody-clone-gc12-323-6-elisa/47703