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Product datasheet for BM3062

Neisseria gonorrhoeae Mouse Monoclonal Antibody [Clone ID: 803]

Product data:

Product Type:	Primary Antibodies
Clone Name:	803
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Neisseria gonorrhoeae
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	N. gonorrhoeae cells.
Specificity:	This antibody does not cross-react with: N. meningitidis, N. cinerea, N. lactamica, M. sicca, B. catarrhalis, E. coli, P. mirabilis, Gardnerella vaginalis, Group B. Strep. or Chlamydia trachomatis. Tested against serovars: NRL 6-7, NRLR-11 and 7122 (W-1), NRL 5766 and 8038 (W-11), and NRL 8660 (W-111).
Formulation:	PBS buffer, pH 7.4 without preservatives. State: Azide Free State: Liquid purified Ig fraction.
Purification:	Protein G chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.

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Background:

Neisseria gonorrhoeae infections are acquired by sexual contact and usually affect the mucous membranes of the urethra in males and the endocervix and urethra in females, although the infection may disseminate to a variety of tissues. The pathogenic mechanism involves the attachment of the bacterium to nonciliated epithelial cells via pili (fimbriae) and the production of lipopolysaccharide endotoxin. Similarly, the lipopolysaccharide of Neisseria meningitidis is highly toxic, as it has an additional virulence factor in the form of its antiphagocytic capsule. Both pathogens produce IgA proteases which promote virulence. Many normal individuals may harbor Neisseria meningitidis in the upper respiratory tract, but Neisseria gonorrhoeae is never part of the normal flora and is only found after sexual contact with an infected person (or direct contact, in the case of infections in the newborn).