

AM00993PU-N**Monoclonal Antibody to Neisseria gonorrhoeae - Purified**

Quantity:	1 mg
Concentration:	2.84mg/ml (OD280nm)
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).
Host / Isotype:	Mouse / IgG2b
Recommended Isotype Controls:	SM12P, AM03110PU-N
Clone:	804
Immunogen:	N. gonorrhoeae cells
Format:	State: Liquid purified Ig Purification: Protein G chromatography Buffer System: PBS, pH 7.4
Applications:	Immunoassay. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Neisseria gonorrhoeae. 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-11).
Storage:	Store the antibody at -20°C to -70°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.