

Product datasheet for **BM1210**

Neisseria gonorrhoeae (30 kDa MOMP) Mouse Monoclonal Antibody [Clone ID: 386/418]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | 386/418 |
| Applications: | ELISA, IF |
| Recommended Dilution: | ELISA. |
| Reactivity: | Neisseria gonorrhoeae |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Major outer membrane proteins (MOMP) from a mixture of detergenttreated <i>Neisseria gonorrhoeae</i> strains: SB587, SB2262, SB2265 and SB2275. |
| Specificity: | This antibody clone 386/418 reacts with the 30-31.5kDa major outer membrane protein (MOMP) of <i>Neisseria gonorrhoeae</i> a gram-negative diplococcus known to be the causative agent of sexually transmitted gonorrhoea. |
| Formulation: | PBS buffer, pH 7.2 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction. |
| Concentration: | lot specific |
| Purification: | Affinity Chromatography on Protein A |
| 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).

Synonyms:

N.gonorrhoeae MOMP 30kDa