

## Product datasheet for **BM3066B**

### Staphylococcus aureus (Peptidoglycan) Mouse Monoclonal Antibody [Clone ID: 702]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	702
Applications:	ELISA
Recommended Dilution:	May be used in Immunoassays to detect and quantitate Staph. aureus cells.
Reactivity:	Staphylococcus aureus
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	UV inactivated Staphylococcus aureus (ATCC 29740).
Specificity:	This antibody detects peptidoglycan of Staphylococcus aureus and Protein A-negative Staph. aureus and Staphylococcus epidermidis. Does not cross-react with: Streptococcus sp., Mycoplasma sp. or Corynebacteria sp.
Formulation:	PBS buffer, pH 7.4 without preservatives. Label: Biotin State: Liquid purified Ig fraction. Label: Covalently coupled with the N-Hydroxysuccinimide ester of under mild conditions to give a high degree of substitution
Concentration:	lot specific
Purification:	6% PEG Precipitated antibody conjugated to biotin.
Conjugation:	Biotin
Storage:	Store the antibodies undiluted at 2-8°C. <b>DO NOT FREEZE!</b> Because IgG3 antibodies tend to aggregate after freezing and thawing, freezing of these antibodies is not recommended.
Stability:	Shelf life: one year from despatch.



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**Background:** Staphylococcus aureus are gram-positive bacteria that, although part of the normal flora of humans (nasal passages, skin and mucous membranes), have the potential to become opportunistic pathogens. *S. aureus* is a frequent cause of a wide range of infections and some bacterial strains have become resistant to many commonly used antibiotics.

**Synonyms:** *S. aureus*