

Product datasheet for **BM3066**

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. Dilute in PBS or medium which is identical to that used in the assay system.
Reactivity:	Staphylococcus aureus
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	UV-inactivated Staphylococcus aureus cells (ATCC #29740)
Specificity:	This antibody specifically recognizes peptidoglycan of Staphylococcus aureus, Protein A-negative Staph. aureus and Staph epidermidis. Does not cross-react with Streptococcus sp., Mycoplasma sp. or Corynebacteria sp.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	6% PEG Precipitation
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! Because IgG3 antibodies tend to aggregate after freezing and thawing, freezing of these antibodies is not recommended.
Stability:	Shelf life: one year from despatch.
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.



[View online »](#)

Synonyms: S. aureus