

Monoclonal Antibody to Lipoteichoic Acid (LTA) - Purified

Catalog No.:	BM3341
Quantity:	0.2 mg
Concentration:	1.4 mg/ml (OD280 nm, E0.1% = 1.4)
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	BDI701
Immunogen:	Staphylococcus epidermidis Hay strain (ATCC #55133)
Format:	State: Liquid purified Ig fraction. Purification: Protein G chromatography. Buffer System: PBS, pH 7.4 without preservatives.
Applications:	Suitable for use in ELISA (0.1-1.0 µg/ml) and Opsonization assay (80-160 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reacts with lipoteichoic acid of Staph. epidermidis, Hay strain and clinical strains of Staph. epidermidis (types I, II and III) and Staph. aureus strains 5 and 8. Does not react with peptidoglycan of Staph. aureus or peptidoglycan-rhamnose, nor does it react with pneumococcal polysaccharides. Does not cross-react with E. coli or H. influenza type B. LTA is a major pro-inflammatory structure present within the cell wall layer of most gram-positive bacteria.
Storage:	Store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.