

Anti-Methicillin Resistant Staphylococcus Aureus (MRSA) Antibody

Mouse Monoclonal Antibody Catalog # AH13670

Product Information

Application IF, E
Host Mouse
Clonality Monoclonal

Isotype Mouse / IgG2a, kappa

Clone Names 332/423

Additional Information

Other Names Methicillin-resistant Staphylococcus aureus; MRSAHuman Gene SymbolNot

ApplicableHu Chromosome LocationNot Applicable

Application Note ELISA (For coating use Ab at 1-5ug/ml, order Ab without

BSA);Immunofluorescence (1-2ug/ml); Optimal dilution for a specific

application should be determined.

Format 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G.

Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available

WITHOUT BSA & azide at 1.0mg/ml.

Storage Store at 2 to 8°C.Antibody is stable for 24 months.

Precautions Anti-Methicillin Resistant Staphylococcus Aureus (MRSA) Antibody is for

research use only and not for use in diagnostic or therapeutic procedures.

Background

Staphylococcal enterotoxins represent a group of proteins, which are secreted by Staphylococcus aureus and cause the intoxication staphylococcal food poisoning syndrome. The illness characterized by high fever, hypotension, diarrhea, shock, and in some cases death. Their molecular masses range between 27 and 30kDa. At present, seven enterotoxins are known, namely A, B, C1, C2, C3, D and E. Their amino acid sequences have been determined and it was shown that all are single chain polypeptides containing one disulfide bond formed by two half cysteine located in the middle of the polypeptide chain, which form the so called cysteine loop. Enterotoxins are extremely potent activator of T cells, stimulating the production and secretion of various cytokines, which mediate many of the toxic effects of these substances. Enterotoxins are super antigens, inducing polyclonal T cell activation by binding to the TCR and to the alpha chain of the MHC II molecule simultaneously.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.