

## Monoclonal Antibody to Staphylococcus aureus Peptidoglycan - Ascites

<b>Catalog No.:</b>	BM3101
<b>Quantity:</b>	1 ml
<b>Concentration:</b>	~140 µg/ml
<b>Host / Isotype:</b>	Mouse / IgM
<b>Clone:</b>	10-34
<b>Immunogen:</b>	S. aureus peptidoglycan
<b>Format:</b>	<b>State:</b> Liquid diluted ascites (sterile filtered) <b>Buffer System:</b> PBS containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer
<b>Applications:</b>	The antibody is useful for Immunofluorescence (undiluted), ELISA (1:10) and Agglutination assays. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The antibody reacts with several S. aureus peptidoglycan preparations. Also reactive with some S. epidermis peptidoglycan isolates in ELISA. It lacks reactivity with gram negative bacteria.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>Protocols:</b>	For use in Agglutination test prepare bacteria suspension in a physiological salt solution and place 10 µl on glass slide. Add 10 µl antibody solution, mix well and watch clumping. Incorporate always negative and positive controls.