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### BM3101

## OriGene EU

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# Monoclonal Antibody to Staphylococcus aureus Peptidoglycan - Ascites

Catalog No.: BM3101
Quantity: 1 ml

Concentration: ~140 µg/ml Host / Isotype: Mouse / IgM Clone: 10-34

Immunogen: S. aureus peptidoglycan

**Format:** State: Liquid diluted ascites (sterile filtered)

Buffer System: PBS containing 0.09% Sodium Azide as preservative and 1% BSA as

stabilizer

Applications: 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.

**Specificity:** 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.

Storage: 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.

**Protocols:** 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.