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## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** C01454M **Lot #:** 9A01514

**Description:** MAb to MRSA  
Monoclonal Antibody to Methicillin-resistant *Staphylococcus aureus* (MRSA).

**Specificity:** Recognizes the product of the MRSA gene expressed by methicillin-resistant *Staphylococcus aureus*.

**Host Animal:** Mouse **Isotype:** IgG<sub>1</sub>

**Source:** Ascites

**Immunogen:** Gel purified MRSA protein (penicillin-binding protein 2 from strain EMRSA-16).

**Format:** Purified, Lyophilized  
Reconstitute with distilled water. Mix gently. Wash the sides of the vial and wait 30-60 seconds before use.

**Purification:** Protein G Chromatography

**Concentration:** 1 mg/mL (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.41) (prior to lyophilization).

**Buffer:** Lyophilized from Phosphate Buffered Saline.

**Preservative:** None

**Applications:** Suitable for use in ELISA (1:5,000) and Immunoblotting (1:2,000). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store lyophilized product (up to 2 years) at 2–8°C. After reconstitution, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

*Sincerely, J. Orr*

Signature

05 May 2017  
Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**