

12-8540: Anti-Methicillin-Resistant Staphylococcus Aureus [Clone 198]

Clonality :	Monoclonal
Clone Name :	198
Application :	WB
Isotype :	Mouse IgG1
Immunogen Information :	Gel-purified MRSA protein from strain EMRSA 16

Description

Specificity: Mouse Monoclonal Antibody specific to Methicillin-resistant Staph aureus (MRSA)

Background: Methicillin-resistant Staphylococcus aureus (MRSA) survives treatment with broad-spectrum beta-lactam antibiotics including penicillin, methicillin, and cephalosporins. Previously, most MRSA infections occurred in hospitals or other health care settings, such as nursing homes and dialysis centers and were known as “health care-associated MRSA” or HA-MRSA. Older adults and people with weakened immune systems were most at risk of contracting HA-MRSA. More recently, another type of MRSA has occurred among otherwise healthy people in the wider community. This form, “community-associated MRSA”, or CA-MRSA, causes serious skin and soft tissue infections and a potentially lethal form of pneumonia.

Product Info

Amount :	500 µg / 1 mg
Purification :	Preparation: Purified by immunoaffinity chromatography
Content :	Formulation: Lyophilized purified antibody in PBS at a concentration of 1mg/ml.
Storage condition :	This lyophilized product is stable for two years at 4°C. After reconstitution, store aliquots at -20°C.

Application Note

ELISA: use at a 1:5,000 dilution in direct ELISA against purified MRSA protein or MRSA-positive Staphylococcus aureus lysate.

Immunoblotting: use at a 1:2,000 dilution. A band of approx. 70kDa is detected.

These are recommended dilutions.

End user should determine optimal dilutions for their applications.