

Mouse Staphylococcus aureus Monoclonal Antibody

Staphylococcus aureus antibody

CATALOG # AAA74564	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Staphylococcus aureus; Monoclonal Antibody; Staphylococcus aureus antibody; Monoclonal Staphylococcus aureus; Anti-Staphylococcus aureus; Staph. aureus; Anti Staphylococcus aureus; anti-Staphylococcus aureus antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG3
Clone Number	M310128
Specificity	Staphylococcus aureus
Form/Format	Purified IgG in PBS buffer with 0.1% NaN ₃
Concentration	3.1 mg/ml by OD280nm (varies by lot)
Applicable Applications for anti-Staphylococcus aureus antibody	ELISA
Species Cross-Reactivity	Recognizes peptidoglycan of Staph. aureus, Protein A negative Staph. aureus and Staph. epidermidis. No cross reactivity with Streptococcus species, Mycoplasma species or Corynebacteria species.
Immunogen	UV-inactivated Staphylococcus aureus
Biological Significance	Staphylococcus aureus is a facultative anaerobic, Gram-positive coccus and is the most common cause of staph infections. It is frequently part of the skin flora found in the nose and on skin. About 20% of the human population are long-term carriers of S. aureus. The carotenoid pigment staphyloxanthin is responsible for S. aureus' characteristic golden colour, which may be seen in colonies of the organism. This pigment acts as a virulence factor with an antioxidant action that helps the microbe evade death by reactive oxygen species used by the host immune system. Staph organisms which lack the pigment are more easily killed by host defenses.
Preparation and Storage	Store at 4°C ONLY. May precipitate if frozen

ADDITIONAL INFORMATION

Product Categories/Family for anti-Staphylococcus aureus antibody	Infectious Disease
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/staphylococcus-aureus-antibody-clone-m310128-elisa/74564>