SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-S.aureus Monoclonal Antibody

Catalog Number: SLA0560M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Clone No.:	4A7
Target:	S.aureus
Immunogen:	Recombinant Staphyloccocus aureus Enterotoxin type A protein
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Staphylococcus aureus
Predicted MW.:	30 kDa
Background:	Staphylococcus aureus is a bacterium that is a member of the Firmicutes, and is frequently found in the human respiratory tract and on the skin. Although S. aureus is not always pathogenic, it is a common cause of skin infections (e.g. boils), respiratory disease (e.g. sinusitis), and food poisoning. Disease-associated strains often promote infections by producing potent protein toxins, and expressing cell-surface proteins that bind and inactivate antibodies. S. aureus is a facultative anaerobic Gram-positive coccal bacterium, also known as "golden staph" and Oro staphira. In medical literature the bacteria is often referred to as S. aureus or Staph aureus. Staphylococcus should not be confused with the similarly named and medically relevant genus Streptococcus. S. aureus appears as grape-like clusters when viewed through a microscope, and has large, round, golden-yellow colonies, often with hemolysis, when grown on blood agar plates.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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[VALIDATION IMAGES]

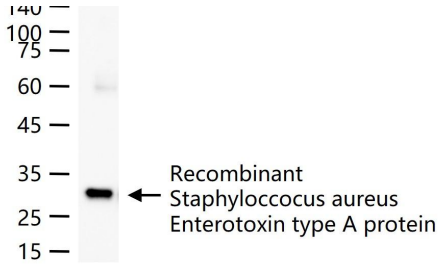


Figure 1. 20 ng Recombinant Staphyloccocus aureus Enterotoxin type A protein, N-His (SL42352P) per lane probed with Staphylococcus Enterotoxin A monoclonal antibody respectively, unconjugated (SLA0560M) at 1:1000 dilution and 4°C overnight incubation. Followed by corresponding conjugated secondary antibody incubation at r.t. for 60 min.
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