



[Go to Product page](#)

Datasheet for ABIN305123

## anti-Staphylococcus Aureus Enterotoxin A antibody

### Overview

Quantity:	0.2 mg
Target:	Staphylococcus Aureus Enterotoxin A
Reactivity:	Staphylococcus aureus
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Staphylococcus Aureus Enterotoxin A antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

### Product Details

Immunogen:	Staphylococcus aureus enterotoxin type A.
Clone:	H10
Isotype:	IgG2b
Specificity:	Recognizes Staphylococcus aureus enterotoxin type A. Staphylococcus aureus produces several different types of enterotoxins (SE's). The SE's are short, soluble proteins that are highly stable and resistant to most proteolytic enzymes. They belong to a family of pyrogenic toxins and as such cause an increase in body temperature, immunosuppression and non-specific T-cell proliferation. These activities are referred to as superantigen activity and results from the interaction of SE's with T-cell antigen receptors and the major histocompatibility complex (MHC) on antigen presenting cells. In addition to their superantigen activity, SE's are also emetics (they cause vomiting). The SE's are important in food poisoning. Enterotoxin A is one of the SE's most commonly identified in clinical isolates. May be used as a capture antibody in ELISA assays for S. aureus enterotoxin A.

## Product Details

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Purification: Affinity purified

## Target Details

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Target: Staphylococcus Aureus Enterotoxin A

Abstract: [Staphylococcus Aureus Enterotoxin A Products](#)

## Application Details

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Application Notes: Approved: ELISA, WB

Usage: ELISA: This product may be used in an indirect ELISA or as a capture antibody in a sandwich ELISA together with LS-C58398 as a detection agent.

Comment: Target Species of Antibody: Staphylococcus aureus

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.09 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Short term: -20°C  
Long term: -20°C.