

Datasheet for ABIN2179486

## **anti-Staphylococcus Aureus Enterotoxin Type B antibody (AA 1-100) (Biotin)**



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### Overview

Quantity:	100 µL
Target:	Staphylococcus Aureus Enterotoxin Type B
Binding Specificity:	AA 1-100
Reactivity:	Staphylococcus, Bacteria
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Staphylococcus Aureus Enterotoxin Type B antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from Staphylococcus Enterotoxin B
Isotype:	IgG
Cross-Reactivity:	Bacteria
Cross-Reactivity (Details):	Staphylococcus
Purification:	Purified by Protein A.

### Target Details

Target:	Staphylococcus Aureus Enterotoxin Type B
Alternative Name:	Staphylococcus Enterotoxin B ( <a href="#">Staphylococcus Aureus Enterotoxin B Products</a> )

## Target Details

Background:	Optional[synonyms]: Staphylococcal enterotoxins represent a group of proteins, which are secreted by <i>Staphylococcus aureus</i> and cause staphylococcal food poisoning syndrome. The illness is characterised by high fever, hypotension, diarrhea, shock, and in some cases death. Their molecular masses range between 27 and 30 kDa. At present, seven enterotoxins are known, namely A, B, C1, C2, C3, D and E. Their amino acid sequences have been determined and it was shown that all are single chain polypeptides containing one disulfide bond formed by two half cystines located in the middle of the polypeptide chain, which form the so called cysteine loop. SEB is an extremely potent activator of T cells, stimulating the production and secretion of various cytokines which mediate many of the toxic effects of SEB.
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## Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months