

Product datasheet

Anti-Staphylococcus Enterotoxin B antibody ab53428

Overview

Product name	Anti-Staphylococcus Enterotoxin B antibody
Description	Rabbit polyclonal to Staphylococcus Enterotoxin B
Host species	Rabbit
Specificity	This antibody is specific for Staphylococcus enterotoxin B. It does not react with other Staphylococcal toxins.
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Staphylococcus aureus
Immunogen	Purified toxin (Staphylococcus aureus)

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS, pH 7.2
Purity	Proprietary Purification
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab53428** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent dilution.

Target

Relevance

Staphylococcal enterotoxins represent a group of proteins, which are secreted by *Staphylococcus aureus* 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.

Cellular localization

Secreted

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors