

Product datasheet

Anti-entB antibody ab15898

3 References

Overview

| | |
|----------------------------|---|
| Product name | Anti-entB antibody |
| Description | Rabbit polyclonal to entB |
| Host species | Rabbit |
| Specificity | Absorbance readings (410 nm) of less than 0.100 for 10 ng/ml preparations of staphylococcal enterotoxins A through E (excluding B), ET, TSST, and alpha hemolysin. |
| Tested applications | Suitable for: ELISA, WB |
| Species reactivity | Reacts with: Staphylococcus aureus |
| Immunogen | Full length native protein (purified) corresponding to entB. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

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 or -80°C. Avoid freeze / thaw cycle. Store In the Dark. |
| Storage buffer | pH: 7.40 Constituents: 0.0268% PBS, 0.9% Sodium chloride |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab15898 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 a concentration of 10 µg/ml. |
| WB | | Use a concentration of 1 µg/ml. Predicted molecular weight: 31 kDa. |

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

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