

Product datasheet

Anti-Staphylococcus Enterotoxin B antibody ab15919

製品の概要

製品名	Anti-Staphylococcus Enterotoxin B antibody
製品の詳細	Sheep polyclonal to Staphylococcus Enterotoxin B
由来種	Sheep
特異性	Absorbance readings (410 nm) of less than 0.100 for 10 ng/ml preparations of other staphylococcal enterotoxins (of the B through E set), TSST, ET, and alpha hemolysin.
アプリケーション	適用あり: ELISA, WB
種交差性	Reacts with enterotoxin B.
免疫原	Purified toxin (>95% pure).

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: None Constituents: 0.9% Sodium chloride, 0.01M PBS, pH 7.4
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab15919** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
ELISA		
WB		

追加情報

ELISA: Use at a concentration of 10 µg/ml.
At 100 µl/well, the following results are obtained:

10 ng/ml SEA Abs (410 nm) = 2.00 after 15 minute incubation.
1.25 ng/ml SEA Abs (410 nm) = 0.78 after 15 minute incubation.
WB: Use at a concentration of 1 µg/ml. Predicted molecular weight: 32 kDa.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

関連性

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.

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