

Product datasheet

Anti-Staphylococcus Enterotoxin B antibody [S222] ab6064

1 References

製品の概要

製品名	Anti-Staphylococcus Enterotoxin B antibody [S222]
製品の詳細	Mouse monoclonal [S222] to Staphylococcus Enterotoxin B
由来種	Mouse
特異性	Clone S222 reacts with enterotoxin B of St. aureus but does not cross-react with St.aureus enterotoxins A, C1, C2, C3, D and E.
アプリケーション	適用あり: Sandwich ELISA
種交差性	交差種: Staphylococcus aureus
免疫原	Recombinant St. aureus enterotoxin B expressed in E.coli
特記事項	Concentration varies from lot to lot and can be provided on request.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	PBS with 0.1% sodium azide, pH 7.4
精製度	Protein G purified
特記事項(精製)	Purified by chromatography on protein G Sepharose. Purity is tested by electrophoresis.
ポリ/モノ	モノクローナル
クローン名	S222
ミエローマ	x63-Ag8.653
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab6064** 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
Sandwich ELISA		Use at an assay dependent dilution. Can be used as capture antibody in conjunction with recommended pair.

ターゲット情報

関連性	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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