

Product datasheet

Anti-Staphylococcus aureus Enterotoxins A + D + E antibody [S1] ab8309

製品の概要

製品名	Anti-Staphylococcus aureus Enterotoxins A + D + E antibody [S1]
製品の詳細	Mouse monoclonal [S1] to Staphylococcus aureus Enterotoxins A + D + E
由来種	Mouse
特異性	This antibody detects enterotoxins A (21%), D (100%) and E (16%) of <i>S. aureus</i>
アプリケーション	適用あり: ELISA
免疫原	Purified enterotoxin A from FRI-722H strain of <i>S. aureus</i>
特記事項	<p>Detection of enterotoxins from <i>S. aureus</i></p> <p>Abcam is committed to meeting high standards of ethical manufacturing and as such, we will be discontinuing this product, which has been generated by the ascites method, within the next year. We are sorry for any inconvenience this may cause. If you would like help finding an alternative product, please do not hesitate to contact our scientific support team.</p>

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
一次抗体 備考	Detection of enterotoxins from <i>S. aureus</i>
ポリ/モノ	モノクローナル
クローン名	S1
ミエローマ	x63-Ag8.653
アイソタイプ	IgG2a
軽鎖の種類	unknown

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab8309** 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		Use at an assay dependent concentration.

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 the intoxication staphylococcal food poisoning syndrome. The illness 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. Enterotoxins are extremely potent activator of T cells, stimulating the production and secretion of various cytokines which mediate many of the toxic effects of these substances. Enterotoxins are Superantigens, inducing polyclonal T cell activation by binding to the TCR and to the alpha chain of the MHC II molecule simultaneously.
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