

Product datasheet

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

概述

产品名称	抗金黄色葡萄球菌Enterotoxins A + D + E抗体[S1]
描述	小鼠单克隆抗体[S1] to金黄色葡萄球菌Enterotoxins A + D + E
宿主	Mouse
特异性	This antibody detects enterotoxins A (21%), D (100%) and E (16%) of <i>S. aureus</i>
经测试应用	适用于: ELISA
免疫原	Purified enterotoxin A from FRI-722H strain of <i>S. aureus</i>
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	PBS with 0.1% sodium azide, pH 7.4
纯度	Protein G purified
Primary antibody说明	Detection of enterotoxins from <i>S. aureus</i>
克隆	单克隆
克隆编号	S1
骨髓瘤	x63-Ag8.653
同种型	IgG2a
轻链类型	unknown

应用

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.

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration.

靶标

相关性 Staphylococcal enterotoxins represent a group of proteins, which are secreted by *Staphylococcus aureus* 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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Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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