abcam

Product datasheet

Anti-Staphylococcus Enterotoxin A antibody ab15897

2 References

概述

产品名称	Anti-Staphylococcus Enterotoxin A**抗体**
描述	**兔多克隆抗体**to Staphylococcus Enterotoxin A
宿主	Rabbit
特异性	Ab15897 gives absorbance readings (410 nm) of less than 0.100 for 10 ng/ml preparations of staphylococcal enterotoxins B through E, ET, TSST, and alpha hemolysin. Cross reacts with Staphylococcus Enterotoxin E
经测试应用	**适用于:** WB, ELISA
种属反应性	**与反应:** Staphylococcus aureus
免疫原	Highly purified (> 95%) *Staphylococcus aureus* Enterotoxin A
常规说明	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. 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

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Constituent: PBS
纯度	Immunogen affinity purified
克隆	**多克隆**
同种型	IgG

应用

The Abpromise guarantee	**Abpromise™承诺保证使用**ab15897**于以下的**经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		
ELISA		

应用说明

ELISA: Use at a concentration of 10 µg/ml. When a standard well is coated at this concentration (100µl/well) the following results are obtained:
10 ng/ml SEA, Absorbance (410 nm) = 2.00 after 15 minute incubation.
1.25 ng/ml SEA, Absorbance (410 nm) = 0.78 after 15 minute incubation.
WB: Use at a concentration of 1 µg/ml. Predicted molecular weight: 30 kDa.

Not tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

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 known to be most potent T cell mitogens. T cell activation accompanied by induction of interleukin 2 and interferon is conditioned by high affinity interaction of S.enterotoxins with class II main histocompatibility complex (MHC) molecules and subsequent presentation of the complex formed to a variable region of the T cell receptor.

细胞定位

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