abcam

Product datasheet

Anti-alpha-hemolysin antibody [8B7] - N-terminal ab190467

7 References 2 图像

概述

产品名称	Anti-alpha-hemolysin抗体[8B7] - N-terminal
描述	小鼠单克隆抗体[8B7] to alpha-hemolysin - N-terminal
宿主	Mouse
特异性	ab190467 does not appear to cross react with Staphylococcal enterotoxin B (SEB), rLukS-PV or rLukF-PV based on historical ELISA data. As with most antibodies, ab190467 interacts with Protein A in S. aureus culture supernatant via the Fc region.
经测试应用	**适用于:** WB, Neutralising
种属反应性	**与反应:** Staphylococcus aureus
免疫原	Synthetic peptide corresponding to alpha-hemolysin (N terminal). Polypeptide sequence of Staphylococcus aureus alpha-hemolysin targeting the N terminus of the mature toxin. Database link: **P09616**
阳性对照	Alpha Hemolysin Toxin; culture supernatant of USA300 strain
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Constituent: 100% PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	8B7
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab190467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。

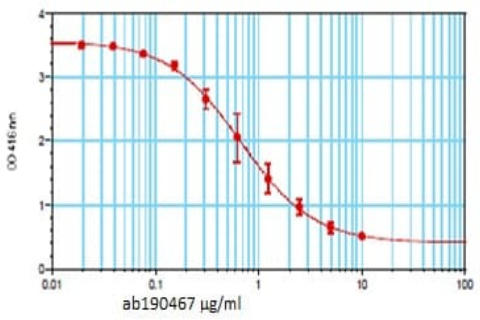
应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 36 kDa.
Neutralising		Use at an assay dependent concentration. ab190467 can neutralize the hemolytic activity of the toxin.

靶标

相关性 Alpha-toxin binds to the membrane of eukaryotic cells resulting in the release of low-molecular weight molecules and leading to an eventual osmotic lysis. Heptamer oligomerization and pore formation is required for lytic activity.

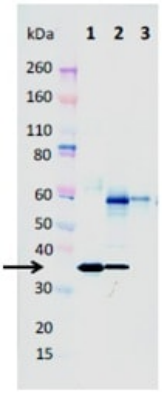
细胞定位 Secreted. Note: Secreted as a monomer. After oligomerization and pore formation, the complex is translocated across the bilayer, probably via the Gly-rich domain of each strand.

图片



Neutralising - Anti-alpha-hemolysin antibody [8B7] - N-terminal (ab190467)

Toxin neutralization: Using a rabbit RBC lysis assay, EC_{50} of ab190467 for neutralization of 0.3 µg/mL of alpha-hemolysin was determined to be 0.676 µg/mL.



Western blot - Anti-alpha-hemolysin antibody [8B7] - N-terminal (ab190467)

All lanes : Anti-alpha-hemolysin antibody [8B7] - N-terminal (ab190467) at 1 µg/ml

Lane 1 : alpha-emolysin at 0.1 µg

Lane 2 : Culture supernatant of USA300

Lane 3 : Negative control USA300 delta Hla strain

Predicted band size: 36 kDa

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