abcam

Product datasheet

Anti-Staphylococcus alpha Hemolysin antibody (HRP) ab15949

4 References

Overview

Product name	Anti-Staphylococcus alpha Hemolysin antibody (HRP)
Description	Sheep polyclonal to Staphylococcus alpha Hemolysin (HRP)
Host species	Sheep
Conjugation	HRP
Tested applications	**Suitable for:** ELISA, WB
Species reactivity	**Reacts with:** Staphylococcus aureus
Immunogen	Highly pure (> 95%) Staphylococcus aureus alpha Hemolysin

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: None Constituents: 1% BSA, 0.01M PBS, pH 7.2
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab15949 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		
WB		

Application notes ELISA: 1/300. This dilution will give an absorbance of >1.0 for a 10 ng/ml standard after a five

minute incubation.
WB: 1/1000. Predicted molecular weight: 35.9 kDa.

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

Target

Relevance Staphylococcus aureus alpha Hemolysin binds to the membrane of eukaryotic cells resulting in the release of low-molecular weight molecules and leading to an eventual osmotic lysis. The toxin self-assembles to form first, a nonlytic oligomeric intermediate, and then, a mushroom-shaped homoheptamer structure. Heptamer oligomerization and pore formation is required for lytic activity.

Cellular localization Secreted

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors