

Product datasheet

FITC Anti-Staphylococcus aureus antibody ab68950

2 References

Overview

Product name	FITC Anti-Staphylococcus aureus antibody
Description	FITC Rabbit polyclonal to Staphylococcus aureus
Host species	Rabbit
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: ICC/IF, IHC-Fr
Species reactivity	Reacts with: Staphylococcus aureus
Immunogen	Tissue, cells or virus corresponding to Staphylococcus aureus. Soluble and structural antigens of Staphylococcus aureus whole bacterium; ATCC #27660.

General notes

This antibody reacts with Staphylococcus aureus in bacterial and infected tissue samples.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.1% Sodium azide Constituents: 1% BSA, PBS
Purity	Proprietary Purification
Primary antibody notes	This antibody reacts with Staphylococcus aureus in bacterial and infected tissue samples.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab68950 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
ICC/IF		1/10.
IHC-Fr		1/10.

Target

Relevance S.aureus binds IgG molecules by their Fc region. In serum, the bacteria will bind IgG molecules in the wrong orientation on their surface, which hinders opsonization and phagocytosis. Mutants of S. aureus lacking protein A are more efficiently phagocytosed in vitro, and mutants in infection models have diminished virulence. Due to its affinity for the Fc region of many mammalian immunoglobulins, protein A is considered a universal reagent in biochemistry and immunology.

Cellular localization Secreted; cell wall.

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

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