

Product datasheet

Anti-Salmonella antibody (FITC) ab20320

Overview

Product name	Anti-Salmonella antibody (FITC)
Description	Rabbit polyclonal to Salmonella (FITC)
Host species	Rabbit
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with Salmonella species. Not yet tested in other species.
Immunogen	Tissue/ cell preparation (Mixture of <i>S. enteritidis</i> , <i>S. typhimurium</i> , and <i>S. heidelberg</i>).
General notes	Purified IgG fraction of the antiserum covalent coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.20 Preservative: 0.1% Sodium azide Constituents: 0.0268% PBS, 1% BSA
Purity	IgG fraction
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab20320** 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
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ICC/IF

Application notes

IF: This antibody has been tested in IFA using organisms fixed on slides. After the organism

suspension is spotted on glass slides and air dried, the slides are fixed by immersion in 100% acetone for 5-10 minutes at room temperature. This antibody conjugate has worked well at dilutions of 1:40 - 1:80.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

The genus *Salmonella* is a member of the family Enterobacteriaceae. The genus is composed of Gram negative bacilli that are facultative and flagellated (motile). *Salmonellae* possess 3 major surface antigens; the H or flagellar antigen (phase 1 and 2), the O or somatic antigen (part of the LPS moiety) and the Vi or capsular antigen (referred to as K in other Enterobacteriaceae). *Salmonellae* also possess the LPS endotoxin characteristic of Gram negative bacteria. This LPS is composed of an O polysaccharide (O antigen) an R core and the endotoxic inner Lipid A. Endotoxins evoke fever and can activate complement, kinin and clotting factors.

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