

FITC Anti-E. coli O + E. coli K antibody ab20856

1 References

Overview

Product name	FITC Anti-E. coli O + E. coli K antibody
Description	FITC Goat polyclonal to E. coli O + E. coli K
Host species	Goat
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Escherichia coli
Immunogen	Tissue, cells or virus corresponding to Escherichia coli E. coli O + E. coli K. Mixture of E. coli serotypes (E. coli).
General notes	<p>The antibody is covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.</p> <p>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.</p> <p>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</p>

Properties

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

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab20856 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		

Application notes

IF: Use at an assay dependent dilution.

Acetone fixation of the antigen source is recommended prior to staining. Enzyme amplification following reaction with FITC conjugate can also be accomplished utilizing enzyme-antibody conjugates specific to FITC.

Not tested in other applications.

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

Target

Relevance

Escherichia coli (E. coli) are Gram negative enteric bacteria that live in the human gut. Its presence in nature is an indication of human fecal pollution. E. coli also causes human disease such as urinary tract infections and neonatal meningitis. Infection with particular enterotoxigenic strains can lead to life threatening intestinal diseases. E. coli are distinguished immunologically by serotyping based on three types of antigen: the somatic or O antigen which corresponds to terminal sugars on the cell surface lipopolysaccharide, the capsular or K antigens and the flagellar or H antigens.

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

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