

## Product datasheet

# HRP Anti-E. coli antibody ab20425

### 6 References

#### Overview

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<b>Product name</b>	HRP Anti-E. coli antibody
<b>Description</b>	HRP Rabbit polyclonal to E. coli
<b>Host species</b>	Rabbit
<b>Conjugation</b>	HRP
<b>Specificity</b>	All O and K antigenic serotypes of Escherichia coli. Antiserum is not absorbed and does react with related Enterobacteriaceae.
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Escherichia coli
<b>Immunogen</b>	Tissue, cells or virus corresponding to E. coli. Mixture of E.coli serotypes
<b>General notes</b>	<p>Will remove E. coli proteins from recombinant preparations.</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&amp;As</p>

#### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.002% Thimerosal (merthiolate) Constituents: PBS, 1% BSA
<b>Purity</b>	Protein A purified
<b>Primary antibody notes</b>	Will remove E. coli proteins from recombinant preparations.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab20425 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		1/2000. Against serotypes O157:H7, O20, O125, O55, O111 and K12.
ICC/IF		Use at an assay dependent concentration.

## Target

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**Relevance** Escherichia coli is a gram negative bacillus that belongs to a larger group of Enterobacteriaceae - bacteria that inhabit the gastrointestinal tract. Although usually a harmless resident of the gut, some strains have the potential to cause serious problems, especially where there is an immature immune system or immunosuppression, or where the subtype of organism has acquired the ability to produce pathogenic toxins.

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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