

Product datasheet

Anti-E. coli O152 antibody ab78978

★★★★★ 1 Abreviews

Overview

Product name	Anti-E. coli O152 antibody
Description	Rabbit polyclonal to E. coli O152
Host species	Rabbit
Specificity	Specific to E. coli somatic O152 antigen
Tested applications	Suitable for: Agglutination
Species reactivity	Reacts with: Escherichia coli
Immunogen	Tissue/ cell preparation of E. coli O152 (heat inactivated).
General notes	<p>Reagents should be allowed to stand at 15°C - 25°C for at least 30 minutes prior to use.</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 short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.08% Sodium azide Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab78978 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
Agglutination		Use at an assay dependent concentration. See attached protocol. Use heat inactivated bacteria.

Target

Relevance

Escherichia coli are a group of gram-negative bacilli belonging to the family Enterobacteriaceae and is considered as one of the bacteria in the human intestinal normal microbial flora. Their serological types are determined in combination with somatic antigens (O group: O1-O173) and flagella antigen (H type: H1-H56). The E. coli that cause intestinal infectious diseases including diarrhea, acute gastritis or colitis are referred to as pathogenic E. coli. These are classified into the following four groups according to differences in the mode of pathogenicity; enteropathogenic E. coli (EPEC), enteroinvasive E.coli (EIEC), enterotoxigenic E. coli (ETEC) and enterohemorrhagic E. coli (EHEC). Although the identification of pathogenic E. coli requires verification of their pathogenicity, pathogenic E. coli have often specific serotypes; therefore, typing of the serogroup and serotype is necessary to screening pathogenic E. coli.

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

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