Anti-E. coli O157 antibody ab30521

Overview

Product name: Anti-E. coli O157 antibody
Description: Goat polyclonal to E. coli O157
Host species: Goat
Specificity: ab30521 recognises Escherichia coli, O157:H7 (E. coli).
Tested applications: Suitable for: ELISA
Species reactivity: Reacts with: Escherichia coli
Immunogen: Tissue/ cell preparation (whole cells of Escherichia coli O157:H7)

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: Preservative: 0.1% Sodium azide
Constituents: PBS, 40% Glycerol
Purity: Protein G purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab30521 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
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<td>ELISA</td>
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<td>Use at an assay dependent dilution.</td>
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Relevance

Escherichia coli are Gram negative bacterium that are commonly found in the lower intestine of
warm-blooded organisms (endotherms). Their serological types are determined in combination with somatic antigens (O group: O1-O173) and flagella antigens (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*, which are classified into the following 4 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* often have specific serotypes; therefore, typing of the serogroup and serotype is necessary in screening pathogenic *E. coli*.

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

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