

Product datasheet

Anti-E. coli O114 antibody ab78819

製品の概要

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|--------------|---|
| 製品名 | Anti-E. coli O114 antibody |
| 製品の詳細 | Rabbit polyclonal to E. coli O114 |
| 由来種 | Rabbit |
| 特異性 | ab78819 is specific for E. coli O114 somatic O antigen. No cross reactivity with other serotypes is observed. |
| アプリケーション | 適用あり: Agglutination |
| 種交差性 | Reacts with E. coli O114 |
| 免疫原 | Tissue/ cell preparation of E. coli O114 (heat inactivated). |
| ポジティブ・コントロール | Antigenic suspension. |
| 特記事項 | Reagents should be allowed to stand at 15°C - 25°C for at least 30 minutes prior to use. |

製品の特性

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|--------|---|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| バッファー | Preservative: 0.08% Sodium Azide Constituents: Whole serum |
| 精製度 | Whole antiserum |
| ポリ/モノ | ポリクローナル |
| アイソタイプ | IgG |

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab78819** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項 |
|---------------|-----------|--|
| Agglutination | | Use at an assay dependent concentration. See attached protocol. |

ターゲット情報

関連性

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*.

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