

## Product datasheet

# Anti-E. coli O151 antibody ab78821

### 概述

产品名称	Anti-E. coli O151抗体
描述	兔多克隆抗体to E. coli O151
宿主	Rabbit
特异性	ab78821 is specific for E. coli O151 somatic O antigen. No cross reactivity with other serotypes is observed.
经测试应用	<b>适用于:</b> Agglutination
种属反应性	Reacts with E. coli O151
免疫原	Tissue/ cell preparation of E. coli O151 (heat inactivated).
阳性对照	Antigenic suspension.
常规说明	Reagents should be allowed to stand at 15°C - 25°C for at least 30 minutes prior to use.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.08% Sodium azide Constituent: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab78821** in the following tested applications.

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

应用	Ab评论	说明
Agglutination		Use at an assay dependent concentration. See attached protocol.

## 靶标

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### 相关性

*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*.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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