

**bs-1563R****[ Primary Antibody ]****E.coli O157:H7 Rabbit pAb****BioSS**  
**ANTIBODIES**

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**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>Target:</b> E.coli O157:H7 <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> This antibody reacts with Escherichia coli, 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.	<b>Isotype:</b> IgG <b>Applications:</b> <b>ELISA</b> (1:5000-10000) <b>Reactivity:</b> (predicted: Escherichia Coli)
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**— SELECTED CITATIONS —**

- **[IF=32.086]** Zeyang Zhang. et al. Rapid Identification and Monitoring of Multiple Bacterial Infections Using Printed Nanoarrays. ADV MATER. 2023 Jan;;2211363 Other ;Escherichia Coli. 36626679
- **[IF=8.8]** Sunli Wang. et al. Carbon dots and covalent organic frameworks based FRET immunosensor for sensitive detection of Escherichia coli O157:H7. FOOD CHEM. 2024 Jul;447:138663 Other ;. 38489878
- **[IF=8]** Zhenlin Hu. et al. A highly sensitive Aptamer–Antibody Birecognized ECL sensing platform based on the cascaded reaction between CeO2@mrGO and Co-SAC@NC for E.coli O157:H7 in untreated milk. SENSOR ACTUAT B-CHEM. 2024 Oct;;136756 ;. 10.1016/j.snb.2024.136756
- **[IF=8]** Zhenlin Hu. et al. A highly sensitive Aptamer–Antibody Birecognized ECL sensing platform based on the cascaded reaction between CeO2@mrGO and Co-SAC@NC for E.coli O157:H7 in untreated milk. SENSOR ACTUAT B-CHEM. 2024 Oct;;136756 ;. 10.1016/j.snb.2024.136756
- **[IF=6.45]** Chen, Ze-Zhong, et al. "Indirect immunofluorescence detection of E. coli O157: H7 with fluorescent silica Nanoparticles." Biosensors and Bioelectronics (2014). Other ;="". 25460888