

E. coli O157 Monoclonal Mouse Antibody (9.88)

Product Description

This MAb shows specificity to E.coli O157 in a simple ELISA. 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. This antibody is available purified with BSA/azide at 200 ug/mL, or BSA/azide-free at 1 mg/mL.

Product attributes

Call us: 800-304-5357 Email: btinfo@biotium.com

Antibody number Antibody reactivity (target) Antibody type Host species Mouse Clonality Monoclonal Clone 9.88 Isotype IgM, kappa Molecular weight Not Known Synonyms E. coli O157 Entrez gene ID Not Applicable SwissProt Not Applicable Unigene Not Applicable Immunogen A crude sonicate of E. coli O157 Species reactivity E. coli O157 Entres year in the total for ELISA, order Ab without BSA, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for litration are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control E. coli O157extract or infected cells or tissue Shipping condition Storage Conditions Storage Conditions Storage 1 to 35 °C Shelf life Guaranteed for a least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate for might in PBS/0.05% azide, HPT conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS	Product attributes	
(target) Antibody type Primary Host species Mouse Clonality Monoclonal Clone 9.88 Isotype IgM, kappa Molecular weight Not Known Synonyms E. coli O157 Entrez gene ID Not Applicable SwissProt Not Applicable Immunogen A crude sonicate of E. coli O157 Species reactivity E. coli O157 Antibody application notes For coating for ELISA, order Ab without BSA, Optimal dilution and staining procedure or a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/ml. for most applications, or 1 ug/mllion cells/100 uL for flow cytometry Positive control E. coli O157extract or infected cells or tissue Shipping condition Room temperature Store at 2 to 8 °C, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA, Purifie	Antibody number	#0207
Antibody type Primary Host species Mouse Clonality Monoclonal Clone 9.88 Isotype IgM, kappa Molecular weight Not Known Synonyms E. coli O157 Entrez gene ID Not Applicable SwissProt Not Applicable Unigene Not Applicable Immunogen A crude sonicate of E. coli O157 Species reactivity E. coli O157 Antibody application For coating for ELISA, order Ab without BSA, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for litration are 1-2 ugmL for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control E. coli O157extract or infected cells or tissue Shipping condition Room temperature Storage Conditions Storage Conditions Storage Conditions To come temperature Storage Conditions Storage Conditions Storage Conditions To come temperature Storage Conditions Storage Conditions Conjugates to 1 least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Positive Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA		E. coli O157
Clonality Monoclonal Clone 9.88 Isotype IgM, kappa Molecular weight Not Known Synonyms E. coli O157 Entrez gene ID Not Applicable SwissProt Not Applicable Unigene Not Applicable Immunogen A crude sonicate of E. coli O157 Species reactivity E. coli O157 Antibody application notes For coating for ELISA, order Ab without BSA, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for itiration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control E. coli O157extract or infected cells or tissue Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation lipsing in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA, O.05% azide, Purified, BSA-free: 1 mg/mL in PBS	Antibody type	Primary
Clone 9.88 Isotype IgM, kappa Molecular weight Not Known Synonyms E. coli O157 Entrez gene ID Not Applicable SwissProt Not Applicable Unigene Not Applicable Immunogen A crude sonicate of E. coli O157 Species reactivity E. coli O157 Antibody application notes For coating for ELISA, order Ab without BSA, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for ititration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control E. coli O157extract or infected cells or lissue Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation uniformal pBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA, Purifi	Host species	Mouse
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Molecular weight Not Known Synonyms E. coli O157 Entrez gene ID Not Applicable SwissProt Not Applicable Unigene Not Applicable Immunogen A crude sonicate of E. coli O157 Species reactivity E. coli O157 Antibody application notes For coating for ELISA, order Ab without BSA, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control E. coli O157extract or infected cells or lissue Shipping condition Storage Conditions Storage Conditions Store at 2 to 8 °C, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Milling BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, Purified, BSA-free: 1 mg/mL in PBS/0.05% azide, Puri	Clone	9.88
Synonyms E. coli O157 Entrez gene ID Not Applicable SwissProt Not Applicable Unigene Not Applicable Immunogen A crude sonicate of E. coli O157 Species reactivity E. coli O157 Antibody application notes For coating for ELISA, order Ab without BSA, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control E. coli O157extract or infected cells or lissue Shipping condition Rom temperature Storage Conditions Store at 2 to 8 °C, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation uniformal psi/loughtes (1.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, Purified; BSA-free: 1 mg/mL in PBS	Isotype	IgM, kappa
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Antibody research areas Infectious disease, Microbiology		BSÁ/Ō.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, Purified, BSA-free: 1 mg/mL in PBS
	Antibody research areas	Infectious disease, Microbiology

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