



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Mouse Anti Escherichia coli (E. coli) O157

Catalog No.
MD-05-0132

Species
Bacterial

Isotype
Mouse IgG₃

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			
Western blot			.	
Flow Cytometry			.	
IFA	.			
Immunoprecipitation			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Specificity

Specific for E. coli serotype O157 by immunofluorescence. Immunoprecipitates LPS of O157:H7. The region recognized by this antibody is LPS oligosaccharide. Non-reactive with E. coli serotypes: O111, O125, O20, O55 and K12.

Formulation

Format: Purified, Liquid
Concentration: 100ug/ml (OD280nm, $E^{0.1\%} = 1.4$)
Affinity Constant: Not determined
Buffer: 0.01M PBS, pH 7.2. This product contains no stabilizing proteins.
Preservative: 0.1% Sodium azide

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Preparation

Source: Ascites
Immunogen: Whole cells
Purification: >90% pure. Protein A chromatography

Storage

Upon receipt, aliquot and store at -20°C .
Avoid multiple freeze/thaw cycles.

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