



RayBiotech, Inc.

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Certificate of Analysis and DataSheet Monoclonal Antibody to Gram Positive Bacteria

Catalog No.	Species	Isotype
MD-05-0160	Bacteria	IgG ₁

Preparation

Host Animal:	Mouse
Source:	Ascites
Immunogen:	Intact <i>Listeria monocytogenes</i>
Purification:	>90% pure. Protein A chromatography

Specificity

Reactive with lipoteichoic acid (LTA) of many gram positive bacteria. Cross-reacts with *Listeria monocytogenes* (all serotypes), *Streptococcus pneumoniae*, *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Enterococcus faecium*, *Bacillus cereus*, *Bacillus subtilis* and group B *Streptococcus* (weak). Does not react with *Clostridium perfringens*

Formulation

Format:	Purified, Liquid
Concentration:	100ug/ml (OD _{280nm} , E ^{0.1%} = 1.4)
Affinity Constant:	Not determined
Buffer:	0.01M PBS, pH 7.2
	Product contains no stabilizing proteins.
Preservative:	0.1% Sodium azide

Storage

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

Centrifuge before opening to ensure complete recovery of vial contents.

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



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			
Western Blotting			.	
IFA	.			
IHC			.	
Flow Cytometry			.	
Immunoprecipitation			.	
Competitive RIA Colloidal Gold Conjugate	.		.	

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

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