



RayBiotech, Inc.

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Norcross, GA 30092
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Certificate of Analysis and DataSheet Mouse Anti *Treponema pallidum*

Catalog No.
MD-05-0485

Isotype
IgG_{2b}

Source
Ascites

Description

Monoclonal Antibody to *Treponema pallidum* (Syphilis)

Preparation

Host Animal: Mouse
Immunogen: Nichols strain of *T. pallidum*, whole organism
Purification: >90% pure. Protein A chromatography

Specificity

Reactive with *Treponema pallidum*. Cross reacts weakly with other *Leptospira* species (*L. australis*, *L. canicola*, *L. grippityphosa*, *L. pomona*, *L. icterohaemorrhagiae* and *L. serjroe*). Does not cross-react with *Treponema reuteri*, *Borrelia burgdorferi* and *Leptospira biflexa*

Formulation

Format: Purified, Liquid
Concentration: 100ug/ml (OD_{280nm}, E^{0.1%} = 1.3)
Buffer: 0.01M PBS, pH 7.2, This product contains no stabilizing proteins.
Preservative: 0.1% Sodium azide
Affinity Constant: Not determined

**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
IFA	.			
IHC - Paraffin			.	
Western Blot	.			
ELISA	.			

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

Storage

Upon receipt, store at 2-8°C. Long term, aliquot and store at -20°C

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