



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

# Certificate of Analysis and DataSheet Mouse Anti Francisella tularensis (LPS)

**Catalog No.**  
MD-05-0156

**Species**  
Bacteria

**Isotype**  
IgG<sub>3</sub>

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

MAB to Fr. tularensis (LPS)  
Monoclonal Antibody to LPS Francisella tularensis

## Preparation

**Host Animal:** Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice.

**Immunogen:** Pooled water-soluble antigens from disintegrated microbial mass of Fr. Tularensis vaccine strain

**Purification:**  $\geq 95\%$  pure (SDS-PAGE). Protein G Sepharose chromatography

## Specificity

MD-05-0160 reacts with LPS of Fr. tularensis. No cross-reactivity with Y. pestis, Y. pseudotuberculosis, Y. enterocolitica, V. cholera, E. coli, S. typhimurium, Fr. novicida, Br. melitensis, Br. abortus, Br. suis, Br. ovis, Br. neotomae.

## Formulation

**Format:** Purified, Liquid  
**Concentration:** 3mg/ml (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.4)  
**Buffer:** PBS, pH 7.4  
**Preservative:** 0.1% Sodium azide  
**Affinity Constant:** Not Determined

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



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

---

### Storage

Store at 2–8°C.

### Applications

**Table Summary of antibody applications and working conditions**

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	.			
Western Blotting			.	
Immunofluorescence	.			
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.

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