



## RayBiotech, Inc.

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Norcross, GA 30092  
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### Certificate of Analysis and Data Sheet

## Mouse Anti-Porcine CD14, With HRP-Conjugated Secondary Antibody

**Catalog No.**  
DS-MB-03478

**Target Species**  
Pig

**Isotype**  
IgG2b

### **Preparation**

**Preparation:** Tissue Culture Supernatant containing 0.2M Tris/HCl pH7.4 and 5-10% fetal calf serum

**Immunogen:** Porcine peripheral blood lymphocytes

### **Specificity**

DS-MB-03478 recognizes porcine CD14. Recent studies suggest that two different epitopes of CD14 exist on pig cells and the distribution of these epitopes differ. One epitope is primarily expressed by monocytes and the second epitope is expressed by granulocytes, but is less accessible.

### **Formulation**

**Product Type:** Monoclonal Antibody

**Product Form:** Tissue Culture Supernatant - liquid

**Preservative Stabilizers:** 0.1% Sodium Azide

### **Storage**

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Shelf Life:** 18 months from date of dispatch.

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



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### Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry*	•			½ - 1/20
Immunohistology - Frozen	•			½ - 1/20
Immunohistology - Paraffin			•	
ELISA			•	
Immunoprecipitation			•	
Western Blotting			•	
Immunofluorescence	•			

**Note:** Other applications are not tested yet. Optimal dilutions should be determined.

\*Use 10ul of the suggested working dilution to label 10<sup>6</sup> cells in 100ul.

### Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

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