



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Porcine CD11R1, With HRP-Conjugated Secondary Antibody

Catalog No.

DS-MB-03475

Target Species

Pig

Isotype

IgG1

Preparation

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

Immunogen: Porcine Lamina Propria Leukocytes

Fusion Partners: Spleen cells from immunized BALB/c mice were fused with cells of the P3 - X63 - Ag.653 myeloma cell line.

Specificity

DS-MB-03475 recognizes the porcine cell surface antigen classified as CD11R1 and stains porcine eosinophils, a subset of neutrophils and NK cells. The CD11R1 antigen is a 165kD molecule, identical in size to human CD11b. However, the expression pattern of CD11b in the human and CD11R1 in the pig are different.

Species Cross Reactivity: Reacts with: Human, Guinea Pig

Formulation

Product Type: Monoclonal Antibody

Product Form: Tissue Culture Supernatant - liquid

Preservative Stabilizers: 0.1% Sodium Azide

Storage

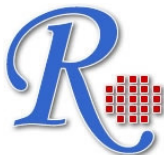
Store at +4°C or at -20°C if preferred.

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*	•			1/10
Immunohistology - Frozen	•			1/10
Immunohistology - Paraffin			•	
ELISA			•	
Immunoprecipitation	•			
Western Blotting			•	

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

***Use 50ul of the suggested working dilution to label 10^6 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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