



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Porcine CD11R3, With HRP-Conjugated Secondary Antibody

Catalog No.
DS-MB-03476

Target Species
Pig

Isotype
IgG1

Preparation

Preparation: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.

Immunogen: Porcine alveolar macrophages

Fusion Partners: Spleen cells from immunized BALB/c mice were fused with cells of the X63-Ag.8.653 myeloma cell line.

Specificity

DS-MB-03476 recognizes porcine CD11R3, a 155kD cell surface marker which is a member of the alpha integrin family. CD11R3 has a similar expression pattern to the human CD11b marker, being expressed on granulocytes, monocytes and alveolar macrophages, but not on lymphocytes, erythrocytes or platelets.

Species Cross Reactivity: Reacts with: Human, Guinea Pig

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Histology Positive Control Tissue

Porcine spleen.

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*	•			1/25 – 1/50
Immunohistology - Frozen	•			
Immunohistology - Paraffin			•	
ELISA			•	
Immunoprecipitation	•			
Western Blotting**	•			

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

*Use 10ul of the suggested working dilution to 1×10^6 cells in 100ul.

**DS-MB-03476 detects a band of approximately 155 kDa in alveolar macrophage lysates under reducing conditions.

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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