



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Pig CD16

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-03480

Target Species
Pig

Isotype
IgG1

Preparation

Synonyms: FcRIII

Immunogen: Porcine peripheral blood leukocytes

Fusion Partners: Spleen cells from immunized Balb/c mice were fused with cells of the mouse P3-X63-Ag8.653 myeloma cell line.

Specificity

DS-MB-03480 recognizes the porcine homologue of human CD16 (Fc gamma RIII alpha). CD16 is a low affinity FC gamma receptor expressed by polymorphonuclear cells (PMN), peripheral blood lymphocytes (PBL) and monocytes in pigs.

Formulation

Product Type: Monoclonal Antibody

Product Form: Tissue Culture Supernatant - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% 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*	•			
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.**

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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