



RayBiotech, Inc.

3607 Parkway Lane suite 100
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet Mouse Anti-Pig CD16, RPE-labeled

Catalog No.
DS-MB-03482

Target Species
Pig

Isotype
IgG1

Preparation

Synonyms: FcRIII

Purification: Purified IgG prepared by affinity chromatography on Protein G

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-03482 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: Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized

Reconstitution: Reconstitute with 1.0 ml distilled water

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide; 1% Bovine Serum Albumin; 5% Sucrose

Storage

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

Do not freeze.

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 12 months from date of reconstitution.

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry*	•			Neat

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

* Use 10ul of the suggested working dilution to label 10^5 cells in 100ul.

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