



RayBiotech, Inc.

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Norcross, GA 30092
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Certificate of Analysis and Data Sheet

Mouse Anti-Porcine CD163, FITC-labeled

Catalog No.
DS-MB-03484

Target Species
Pig

Isotype
IgG1

Preparation

Synonyms: M130

Purification: 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-03484 recognises porcine CD163, a 120kD cell surface glycoprotein that is expressed on cells of the monocyte/macrophage lineage. The expression levels of CD163 vary during the course of macrophage differentiation. The highest levels of CD163 expression are found on tissue macrophages but bone marrow derived cells are CD163 negative. Expression of CD163 on peripheral blood monocytes varies between about 5% and 50% depending on the donor, see Sanchez, M. et al. for details.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN₃); 1% Bovine Serum Albumin

Approx. Protein Concentrations: IgG concentration 0.1 mg/ml

Storage

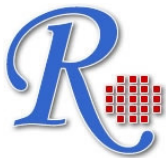
Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. This product is photosensitive and should be protected from light. 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	•			Neat - 1/10

Note: Other applications are not tested yet. Optimal dilutions should be determined.
(1) Use 10ul of the suggested working dilution to 1×10^6 cells in 100ul.

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