



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Mouse Anti-Pig CD45, FITC-labeled

Catalog No.
DS-MB-03498

Target Species
Pig

Isotype
IgG1

Preparation

Purified IgG prepared by affinity chromatography on Protein G

Immunogen: Porcine Peripheral Blood lymphocytes

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-03498 recognizes porcine CD45, expressed by all leucocytes

Formulation

Product Type: Monoclonal Antibody

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

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide, 1% Bovine Serum Albumin

Approx. Protein Concentration: IgG concentration 0.1 mg/ml

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry (1)	•			Neat
Western Blotting			•	
Elisa			•	

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

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



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Storage

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

This product should be stored undiluted.

Storage in frost free freezers is not recommended. 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.

Reference

1. Yang, P. *et al.* (2002) Immune cells in the porcine retina: distribution characterisation and morphological features. *Invest. Ophthalmol. Vis. Sci.* 43: 1488 - 1492.
2. Terzic, S. *et al.* (2002) Immunophenotyping of leukocyte subsets in peripheral blood and palatine tonsils of prefattening pigs. *Vet Res Commun.* 26: 273-83.

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