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Certificate of Analysis and Data Sheet

Mouse Anti-Porcine CD4a, RPE-labeled

Catalog No.
DS-MB-03503

Target Species
Pig

Isotype
IgG2b

Preparation

Immunogen: Leukocytes isolated from porcine gut lamina propria

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

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

Specificity

DS-MB-03503 recognizes the porcine CD4a cell surface antigen.

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: 12 months from date of reconstitution.

Applications

Table Summary of antibody applications and working conditions

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 by each laboratory for each application.

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

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