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Certificate of Analysis and Data Sheet

Rat Anti-Canine CD4, FITC-labeled/CD8, RPE-labeled

Catalog No. DS-MB-03609	Target Species Dog	Isotype Cocktail
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Formulation

Product Type: Dual Color Reagent

Product Form: Dual Color combination consisting of FITC conjugated and RPE conjugated monoclonal antibodies mixed in optimal ratio - lyophilized.

Antibody Isotypes: FITC reagent: IgG2a (RAT), RPE reagent: IgG1 (RAT)

Buffer Solution: Phosphate buffered saline

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

Specificity

This product is a dual color reagent recognizing canine CD4 and CD8 cell surface antigens. DS-MB-03609 recognizes canine CD4, which is expressed by lymphocyte subsets and canine neutrophils. DS-MB-03609 recognizes CD8, which is expressed by cytotoxic T cells. DS-MB-03609 binds to CD8 alpha.

Storage

Prior to reconstitution store at +4°C. Following reconstitution store at +4°C.
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 (1)	•			Neat

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.

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