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Certificate of Analysis and Data Sheet

Mouse IgG1, FITC-labeled/RAT IgG2a, RPE-labeled Negative Control

Catalog No.
DS-MB-03578

Target Species
Negative Control

Isotype
FITC reagent: IgG1 (MOUSE)
RPE reagent: IgG2a (RAT)

Formulation

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

Buffer Solution: Phosphate buffered saline

Reconstitution: Reconstitute with 0.5 ml distilled water

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

Specificity

DS-MB-03578 is suitable for use as a negative control for the measurement of non-specific binding of mouse monoclonals of isotype IgG1 and rat monoclonals of isotype IgG2a to human tissues in a dual labeling technique using FITC and R-Phycoerythrin fluorochromes.

DS-MB-03578 recognizes a rat cell surface antigen and therefore DS-MB-03578 cannot be used as a negative control in this species.

Suitable as negative control for human and dog.

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

Note: Other applications have not been tested. Optimal dilutions should be determined.

(1) Use 10ul to label 10^6 cells or 100ul whole blood.

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