

RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Rat CD122, FITC-labeled

Catalog No.
DS-MB-00298

Target Species
Rat

Isotype
IgG1

Preparation

Immunogen: Rat CRNK cells and rat IL-2R beta cDNA-transfected mouse L929 cell line.

Preparation: Purified IgG prepared by affinity chromatography on Protein G

Specificity

The interleukin-2 receptor (IL-2R) is composed of three subunits, namely alpha, beta and gamma. DS-MB-00298 recognizes CD122 the 80kD Beta subunit of IL-2R, which is shared by the IL-15 receptor. In peripheral lymphoid tissues of adult rats, CD122 is primarily expressed by NK cells and a subset of T lymphocytes.

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

Formulation

Product Type: Monoclonal Antibody

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

Format: FITC

Buffer Solution: Phosphate buffered saline

Preservative & Stabilizers: 0.09% Sodium Azide; 1% Bovine Serum Albumin

Approx. Protein Concentrations: IgG concentration 0.1 mg/ml

Storage

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

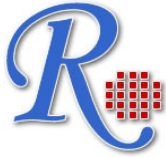
This product should be stored undiluted.

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

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



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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.

* An incubation time of 4 hours with DS-MB-00299 is recommended for optimum staining

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