



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Mouse Anti-Human CD56, FITC-labeled

Catalog No.
DS-MB-03142

Target Species
Human

Isotype
IgG2a

Preparation

Purified IgG prepared by affinity chromatography on Protein A
Synonyms: NCAM

Formulation

Product Form: Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Product Type: Monoclonal Antibody
Buffer Solution: Phosphate buffered saline
Preservative Stabilizers: 0.09% Sodium Azide, 1% Bovine Serum Albumin
Approx. Protein Concentrations: IgG concentration 0.1 mg/ml

Specificity

DS-MB-03142 recognizes CD56 a 140kD cell surface glycoprotein expressed primarily by natural killer cell and a subset of T cell in the peripheral blood.

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry (1)	•			Neat - 1/5
Western Blotting			•	

Note: Other applications have not been tested. Optimal dilutions should be determined.
(1) Use 10ul of the suggested working dilution to label 10^6 cells or 100ul whole blood.

References

- Costa, P. CD56 Workshop Panel Report. In: Leucocyte typing VI. White cell differentiation antigens (1997) p. 271-272. Kishimoto, T. *et al.* Eds. Garland Publishing Inc. New York and London.
- Prager, E. *et al.* (2001) Induction of hyporesponsiveness and impaired T lymphocyte activation by the CD31 receptor:ligand pathway in T cells. J. Immunol. 166: 2364 - 2371.
- Staffler, G. *et al.* (2003) Selective inhibition of T cell activation via CD147 through novel modulation of lipid rafts. J. Immunol. 171: 1707 - 1714.

**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.

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