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Certificate of Analysis and Data Sheet

Rat Anti-Mouse TCR V alpha 8, Biotinylated

Catalog No.
DS-MB-03964

Target Species
Mouse

Isotype
IgG2a

Preparation

Ig fraction prepared by ammonium sulphate precipitation

Fusion Partners: Spleen cells from SD rats were fused with cells from the mouse NSO myeloma cell line.

Formulation

Product Form: Ig fraction conjugated to Biotin - liquid

Product Type: Monoclonal Antibody

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Specificity

DS-MB-03964 recognizes the murine V alpha 8 chain of the T cell receptor.

Storage

Store at $+4^\circ\text{C}$ or at -20°C if preferred.

This product should be stored undiluted. 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.

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 $5\mu\text{l}$ of the suggested working dilution to label 10^6 cells in $100\mu\text{l}$.

Reference

1. Tomonari, K. *et al.* (1989) Two monoclonal antibodies specific for the T cell receptor V alpha 8. Eur. J. Immunol. 19: 1131-1135.

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