



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

RAT ANTI MOUSE TCR V ALPHA 8

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-02383

Species
Mouse

Isotype
Rat IgG2a

Preparation

Immunogen: V alpha 8 T cell receptor

Purification: Purified IgG prepared from tissue culture supernatant containing 0.2M Tris/HCl pH7.4 and 5-10% foetal calf serum

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

Specificity

DS-MB-02383 recognizes the V alpha 8 chain of the murine T cell receptor.

Formulation

Product Form: Tissue Culture Supernatant - liquid

Preservative & Stabilizers: 0.09% Sodium Azide

Storage

18 months shelf life. Store at +4°C or at -20°C if preferred.

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

Please avoid freeze-thaw cycles.

**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
ELISA			.	
Western Blotting			.	
Immunohistology - frozen	.			1/2-1/4
Immunohistology - paraffin			.	
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry	.			1/2-1/4 Use 10ul of the suggested working dilution to label 10^6 cells in 100ul. Method sheets are available on request.
Immunofluorescence staining			.	
Neutralization			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	.			1:5000-1:10000

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.

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