



## RayBiotech, Inc.

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# Certificate of Analysis and DataSheet Mouse Anti T-Cell Receptor Pan gamma/delta

**Catalog No.**  
MD-21-0006

**Species**  
Human

**Isotype**  
IgG<sub>1</sub>

## **Description**

Monoclonal antibody to T-Cell Receptor Pan gamma/delta

## **Preparation**

**Host Animal:** Mouse. Hybridization of X63.Ag8.653 myeloma cells with spleen cells from Balb/c mice.

**Source:** Ascites

**Immunogen:** Soluble gamma delta T-cell receptor

## **Specificity**

Recognizes all the gamma/delta T cells regardless of the variable genes or junction regions they express as assessed by flow immunofluorescence studies on polyclonal gamma/delta T-cell lines as well as gamma/delta T-cell clones. This antibody works in Western blot techniques: it recognizes the gamma/delta complex under non-reducing conditions and the isolated delta chain on reducing conditions. This antibody immunoprecipitates the three isoforms of the gamma/delta T-cell receptor. It gives also excellent results in immunofluorescence on frozen section (paraffin not tested).

## **Formulation**

**Format:** FITC, Liquid.

**Concentration:** Not applicable

**Affinity Constant:** Not determined.

**Buffer:** PBS containing 2mg/ml BSA

**Preservative:** 0.1% Sodium Azide

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



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### Storage

Store in the dark at 2-8°C. **DO NOT FREEZE!**

### Applications

The function of gamma/delta T cells remains largely unknown. As this antibody works in all applications (immunofluorescence, western blot, immunoprecipitation, frozen section), it is an ideal tool to study the distribution of gamma/delta T cells and their functions. Flow cytometry: 20ul/5 x 10<sup>5</sup> cells/test or 100ul whole blood.

**Table Summary of antibody applications and working conditions**

<b>Options</b> <b>Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA			.	
Western Blotting	.			
Immunofluorescence	.			
IHC - frozen	.			
Flow Cytometry	.			
Immunoprecipitation	.			

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

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