



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Hamster Anti Mouse CD28

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-00559

Target Species
Mouse

Isotype
IgG

Preparation

Purified IgG prepared by affinity chromatography on Protein A

Immunogen: Mouse T lymphoma EL-4 cells.

Specificity

DS-MB-00559 reacts with mouse CD28 found predominantly on T cell subsets and activated B cells.

Flow Cytometry: Use 5ul of the suggested working dilution to label 10^6 cells in 100ul. Method sheets are available on request.

Formulation

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 0.2 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. 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
ELISA			•	
Western Blotting			•	
Immunohistology - frozen			•	
Immunohistology - paraffin			•	
Immunohistology - resin			•	
Immunoprecipitation	•			
Flow Cytometry	•			Neat
Immunofluorescence			•	
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

Recommended Reading

1. Kawasaki, H. *et al.* (1999) Increased c-Fos/activator protein-1 confers resistance against anergy induction on antigen-specific T cell. *Int. Immunol.* 11(12): 1873 - 1880.
2. Gross, G.A. *et al.* (1992) Identification and distribution of the co-stimulatory receptor CD28 in the mouse. *J. Immunol.* 149: 380 - 388.

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