



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Rat Anti Mouse CD252

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-00541

Target Species
Mouse

Isotype
IgG1

Preparation

Synonyms: OX40L, TXGP1L

Purification: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Immunogen: Rat CD4 and mouse CD134 ligand Chimeric protein

Specificity

DS-MB-00541 recognizes mouse OX40 (CD134) ligand, which is other wise known as CD252. CD252 expression has been shown to be restricted to activated dendritic cells, B cells and vascular endothelium. DS-MB-00541 has been reported to inhibit OX40/OX40L interaction (1).

Formulation

Product Form Purified IgG - liquid

Buffer Solution Phosphate buffered saline pH7.4

Preservative Stabilizers 0.09% Sodium Azide

Approx. Protein Concentrations IgG concentration 1.0mg/ml

Fusion Partners: Spleen cells from immunized PVG rats were fused with cells of the NS1 myeloma cell line.

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 *	•			
Immunofluorence			•	
Neutralization			•	

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

* Use 10ul of the suggested working dilution to label 106 cells in 100ul.

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. Malstrom, V. *et al* (2001) CD134L expression on dendritic cells in the mesenteric lymph nodes drives colitis in T cell-restored SCID mice. *J. Immunol.* 166: 6972-6981.

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