



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rat Anti Mouse CD90 (Thy 1)

Catalog No.
MD-11-0119

Host Animal
Rat

Isotype
IgG

Description

Monoclonal Antibody to Mouse CD90 (Thy-1)

Preparation

Source : Cell Culture

Purification: Protein G chromatography

Formulation

Product Form: Purified, Liquid

Buffer: 0.01M KPO₄, 0.15M NaCl, pH 7.2 containing 1% BSA

Preservative Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: 0.5mg/ml (OD280nm)

Specificity

Anti-Mouse CD90 (Thy-1) recognizes a non-polymorphic (Mr 25-30kD) determinant on the Thy1.1 and Thy1.2 alloantigens. The CD90 Thy-1 antigen is present on thymocytes, peripheral T-cells and some intraepithelial T-lymphocytes of all mouse strains tested.

Applications

E Anti-Thy-1 may be used for direct or indirect immunostaining and flow cytometry. Anti Thy-1 is mitogenic for resting T-cells and induces IL-2 secretion from normal T-cells and T-cell hybridomas. We recommend using 1ug to stain 1.0×10^6 cells in flow cytometric applications. Depending on the particular application, some variance can be expected. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

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



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Storage

Short term (up to one month) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Reference

Dennert, G. et al., (1980), Cell Immunol., **53**, 350

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