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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Technically
Speaking

CEDARLANE[®]
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Conveniently Delivering You Today's Innovations
for the Science of Tomorrow™

**Anti-Mouse CD90 (Thy1)
Monoclonal Antibody**

| Catalogue# | Format | Size | Concentration | Isotype Control |
|------------|----------|--------|---------------|-----------------|
| CL8610AP | Purified | 250 µg | 1.0 mg/ml | CLCR100 |
| CL8610B | Biotin | 100 µg | 0.1 mg/ml | CLCR115 |
| CL8610B-3 | Biotin | 300 µg | 0.1 mg/ml | CLCR115 |
| CL8610F | FITC | 100 µg | 0.1 mg/ml | CLCR101 |
| CL8610F-3 | FITC | 300 µg | 0.1 mg/ml | CLCR101 |
| CL8610PE | PE | 50 µg | 0.1 mg/ml | CLCR104 |
| CL8610PE-3 | PE | 300 µg | 0.1 mg/ml | CLCR104 |

Isotype: Rat IgG_{1,K}

DESCRIPTION:

Cedarlane's anti-mouse CD90 (Thy 1) monoclonal antibody recognizes the Thy 1 antigen which is a GPI-linked glycoprotein member of the Ig-superfamily. Thy 1, also known as CD90, is expressed on murine T cells, thymocytes, neural cells, Kupffer's cells and fibroblasts. This monoclonal antibody has been shown to deplete peripheral T cells upon *in vivo* administration.

Applications for this antibody include immunohistochemistry (acetone-fixed frozen sections), flow cytometry and immunoprecipitation.

PRESENTATION:

Purified: Purified Ig buffered in PBS and 0.02% NaN₃. Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.

Biotin, FITC and PE: Biotin/FITC/PE conjugated IgG buffered in PBS, 0.02% NaN₃ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.

STORAGE/STABILITY:

For all formats, store at 4°C. DO NOT FREEZE PE conjugates. For long term storage (**Purified, Biotin, FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

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SPECIFICATIONS:

Clone: IBL-1

Hybridoma Production:

Immunization: Immunogen: Mouse spleen cells

Donor: Rat (Wistar)

Fusion Partner: Sp-2/0 Ag14

Specificity: Mouse CD90 (Thy 1)

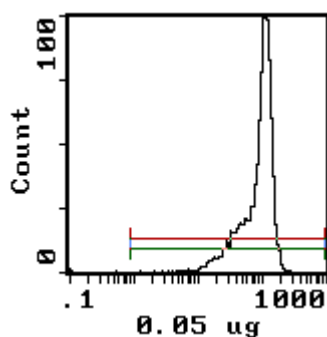
TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: BALB/c

Cell Concentration: 1×10^6 cells per test

Antibody Concentration Used: $0.05 \mu\text{g}/10^6$ cells



Anti-Mouse CD90 (Thy 1)

Cell Source: Thymus

Percentage of cells stained above control: 99.7%

N.B. Appropriate control samples should always be included in any labeling studies.

*** For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for individual use.**

REFERENCES:

1. Balogh P, Szekeres G and Nemeth P. (1994) Hapten- mediated identification of cell membrane antigens using an anti-FITC monoclonal antibody. *J Immunol Methods* 169:35-40.
2. Balogh P, Bebok Z and Nemeth P. (1992) Cellular enzyme-linked immunocircle assay. A rapid assay of hybridomas produced against cell surface antigens. *J Immunol Methods* 153:141-9.

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