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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Mouse CD44
Monoclonal Antibody

Catalogue#	Format	Size	Concentration	Isotype Control
CL8946AP	Purified	200 µg	1.0 mg/ml	CLCR2B00
CL8946B/-3	Biotin	100 µg/300 µg	0.1 mg/ml	CLCR2B15
CL8946F/-3	FITC	100 µg/300 µg	0.1 mg/ml	CLCR2B01
CL8946PE/-3	PE	50 µg/300 µg	0.1 mg/ml	CLCR2B04

Isotype: Rat IgG_{2b}

DESCRIPTION:

Cedarlane's anti-mouse CD44 monoclonal antibody reacts with all isoforms of CD44 (Pgp-1, Ly-24) glycoprotein. By flow cytometry, the main cellular reactivities are B cells, monocytes, macrophages and variable subsets of thymocytes and peripheral T cells.

This antibody is suitable for use in flow cytometry. This clone is also reported to work in immunoprecipitation, ELISA, IHC with paraffin (2.5-10 µg/ml) and frozen sections, and complement depletion[1,2,3].

PRESENTATION:

Purified: Purified IgG buffered in PBS and 0.02% NaN_3. (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% NaN_3 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**. For long term storage (**Purified, Biotin and FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: IM7.8.1

Immunogen: Myeloid leukemia M1 cells induced with Dexamethasone.

Specificity: Mouse CD44

In CANADA: Toll Free: 1-800-268-5058
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In the USA: Toll Free: 1-800-721-1644
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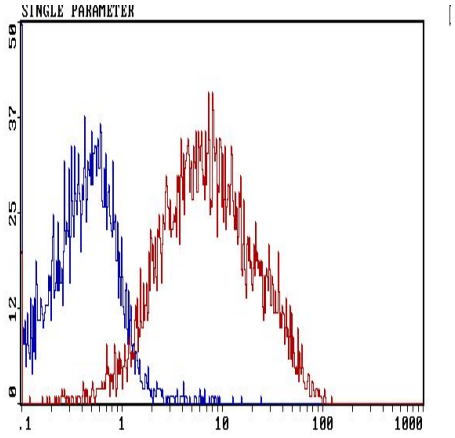
TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: BALB/c
Cell Concentration: $1x10^6$ cells per test
Antibody Concentration Used: 0.5 µg/10^6 cells

Cell Source:	Percentage of cells stained above control:
Spleen	87%
Thymus	20.9%



Cell Source: Spleen

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. Lesley, J. and Trowbridge, I.S. 1982 Genetic characterization of a polymorphic murine cell-surface glycprotein. Immunogenetics 15:313-320.
2. Lesley, J., Hyman, R. and Kincade, P.W. 1993 CD44 and its interaction with extracellular matrix. Advances in Immunol. 54:271-335.
3. Katoh, S., J.B. McCarthy, and P.W. Kincade. 1994. Characterization of soluble CD44 in the circulation of mice. Levels are affected by immune activity and tumor growth. J.Immunol. 153:3440-3449.

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