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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-Rat CD2 (LFA-2) Monoclonal Antibody

Catalogue#	Format	Size	Concentration	Isotype Control
CL034A	Ascites	0.5 ml	N/A	CLCMG2A00
CL034AP	Purified	250 µg	1.0 mg/ml	CLCMG2A00
CL034AP-2	Purified	500 µg	1.0 mg/ml	CLCMG2A00
CL034LE	Low Endotoxin	500 µg	1.0 mg/ml	CLCMG2A00
CL034B	Biotin	100 µg	0.1 mg/ml	CLCMG2A15
CL034B-5	Biotin	500 µg	0.1 mg/ml	CLCMG2A15
CL034F	FITC	100 µg	0.1 mg/ml	CLCMG2A01
CL034F-5	FITC	500 µg	0.1 mg/ml	CLCMG2A01
CL034NA	Purified/No Azide	1 mg	1.0 mg/ml	CLCMG2A00
CL034PE	PE	50 µg	0.1 mg/ml	CLCMG2A04
CL034PE-4	PE	200 µg	0.1 mg/ml	CLCMG2A04
CL034AF4	Alexa Fluor®488	100 µg	0.1 mg/ml	N/A

Alexa Fluor® is a registered trademark of Life Technologies Corporation.

Isotype: Mouse IgG_{2a}

DESCRIPTION:

Cedarlane's biotin anti-rat CD2 (LFA-2) monoclonal antibody reacts with the 50 kDa surface glycoprotein LFA-2, designated as CD2. LFA-2 is the receptor for LFA-3. This antibody labels all peripheral T cells and most thymocytes but does not label B cells or peritoneal macrophages. It does not activate T cells (1,2,3).

This clone is reported to work with frozen and paraffin sections (4).

PRESENTATION:

Purified: Purified IgG buffered in PBS and 0.02% NaN_3. (Purified from ascitic fluid via Protein G Chromatography).
LE: Purified Ig buffered in PBS, no preservative, 0.2µm sterile filtered. (Purified from cell culture supernatant via Protein G Chromatography)
Biotin, FITC, PE and AF488: Biotin/FITC/PE/AF488 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.
No Azide: Purified Ig buffered in PBS, no preservative, 0.2µm sterile filtered.

In CANADA: Toll Free: 1-800-268-5058
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STORAGE/STABILITY:

For all formats, store at 4°C. DO NOT FREEZE **PE and AF488** conjugates. For long term storage (**Purified, LE, Biotin, FITC, No Azide**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: MRC OX-34

Hybridoma Production:
Immunization:
Immunogen: T Blasts prepared in mixed lymphocyte reactions with rat T helper cells against irradiated spleen.
Donor: BALB/c spleen
Fusion Partner: NSO/1

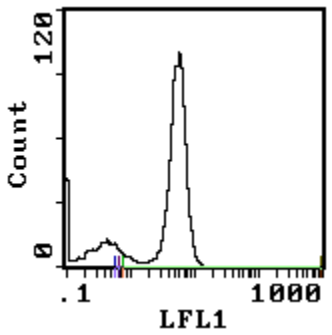
Specificity: Rat CD2 (LFA-2)

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Rat Strain: Wistar
Cell Concentration: $1x10^6$ cells per tests
Antibody Concentration Used: 0.1 µg/10^6 cells

Cell Source	Percentage of cells stained above control:
Thymus	97.2%
Spleen	30.4%
Lymph Node	79.3%



Cell Source: Lymph Node

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) Jeffries, W.A., Green, J.R. and A.F. Williams. 1985. Authentic T Helper CD4 (W3/25) antigen on rat peritoneal macrophages. J. Exp. Med. 162, 117-127.
2) Beyers, A.D., A.N. Barclay, D.A. Lae, et al. 1989. Activation of T-lymphocytes via monoclonal antibodies against rat cell surface antigens with particular reference to CD2 antigen. Immunol.Rev. 111: 59-77.
3) Clark, S.J., D.A. Law, D.J. Paterson, et al. 1988. Activation of rat T lymphocytes by anti-CD2 monoclonal antibodies. J. Exp. Med. 167: 1861-1872.
4) Whiteland, J.L et al (1995). Immunohistochemical detection of T cell subsets and other leukocytes in paraffin embedded rat and mouse tissues with monoclonal antibodies .J. Histochem. Cytochem. 43: 313-320.

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