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Produktinformation

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- Diagnostik & molekulare Diagnostik
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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Rat CD25 (IL-2R) Monoclonal Antibody

Catalogue#	Format	Size	Concentration	Isotype Control
CL039A	Ascites	0.5ml	NA	CLCMG100
CL039AP/-2	Purified	250µg/500µg	1.0 mg/ml	CLCMG100
CL039B/-5	Biotin	100µg/500µg	0.1 mg/ml	CLCMG115
CL039F/-5	FITC	100µg/500µg	0.1 mg/ml	CLCMG101
CL039PE/-4	PE	50µg/200µg	0.1 mg/ml	CLCMG104
CL039NA	No Azide	1.0mg	1.0 mg/ml	CLCMG100

Isotype: Mouse IgG_1

DESCRIPTION:

Cedarlane's anti-rat Interleukin-2 receptor monoclonal antibody recognizes the smaller (alpha subunit) 55kD chain of the IL-2 receptor found on activated rat T cells, thymic dendritic cells but not resting lymphocytes (1). CL039 binds to the rat interleukin-2 receptor and has proven to be an important marker for activated T cells (2).

This clone is reported to work with frozen and paraffin sections (3).

PRESENTATION:

Ascites: Lyophilized.
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.
No Azide: Purified Ig buffered in PBS with no preservative; 0.2µm sterile filtered.

STORAGE/STABILITY:

Store **Ascites** at -20°C. For all other formats, store at 4°C. DO NOT FREEZ **PE** conjugates. Handle NA format under aseptic conditions. For long term storage (**Purified, Biotin** and **FITC**), aliquot and freeze unused portions at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

In CANADA: Toll Free: 1-800-268-5058
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SPECIFICATIONS:

Clone: MRC OX-39

Hybridoma Production:

Immunization: Immunogen: T blasts from a mixed lymphocyte reaction between purified CD4 positive T cells and irradiated spleens.
Donor: BALB/c spleen

Fusion Partner: NSO/1

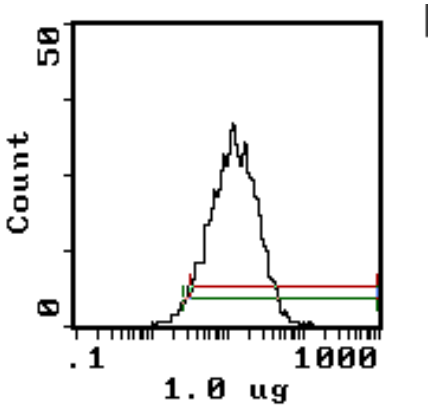
Specificity: Rat CD25 (IL-2 Receptor)

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Rat Strain: Wistar
Cell Concentration: $1x10^6$ cells per test
Antibody Concentration Used: $1.0\mu g/10^6$ cells

Cell Source	Percentage of cells stained above control:
T-cell blasts	95.3%
Thymus	0.59%



Cell Source: Con-A activated thymocytes (T-cell blasts)

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. **Paterson, D.J., Jeffries, W.A., Green, J.R., Brandon, M.R., Corthesy, P., Puklavec, M. and A.F. Williams. (1987) Mol. Immunol. 24, 1281-1290. Antigens of Activated Rat T Lymphocytes Including a Molecule of 50,000 Mr Detected Only on CD4 Positive T Blasts.**
2. Barclay, A.N. (1981) Immunology. 42 593-600 The Localization of populations of lymphocytes defined with monoclonal antibodies in rat lymphoid tissues.
3. 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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