SZABO SCANDIC

Part of Europa Biosite

Produktinformation

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

Weitere Information auf den folgenden Seiten!
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 RT1.D
Monoclonal Antibody

Catalogue#	Format	Size	Concentration	Isotype Control
CL011A	Ascites	0.5mL	NA	CLCMG100
CL011AP/-2	Purified	250 µg/500 µg	1.0 mg/ml	CLCMG100
CL011B/-5	Biotin	100 µg/500 µg	0.1 mg/ml	CLCMG115
CL011F/-5	FITC	100 µg/500 µg	0.1 mg/ml	CLCMG101
CL011PE	PE	50 µg	0.1 mg/ml	CLCMG104

Isotype: Mouse IgG_1

DESCRIPTION:

Cedarlane's anti-rat RT1.D monoclonal antibody recognizes a monomorphic determinant on the α chain of the rat Ia antigen and appears to be the rat homologue of mouse Ia-E. It recognizes the rat Ia product present on B, but not T cells from lymph node or thoracic duct lymph. It does not bind to thymocytes or erythrocytes. The antibody does not cross-react with rat Ia-A or mouse Ia-E antigen, but rabbit antibody raised against the antibody affinity column-purified MRC OX-17 antigen cross-reacted on tissues of mice expressing Ia-E mouse antigen but not on those mouse strains that were Ia-E antigen negative. (2)

PRESENTATION:

Ascites: Lyophilized.
Purified: Purified Ig 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:

Store **Ascites** at -20°C. For all other formats, store at 4°C. DO NOT FREEZ **PE** conjugates. 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: MRC OX-17

Hybridoma Production:

Immunization: Immunogen: Rat spleen membrane glycoproteins depleted of Ia-A antigens.
Donor: BALB/c spleen
Fusion Partner: X63 Ag8.653

In CANADA: Toll Free: 1-800-268-5058
4410 Paletta Court, Burlington, ON L7L 5R2 ph: (289) 288-0001, fax: (289) 288-0020
e-mail: general@cedarlanelabs.com

In the USA: Toll Free: 1-800-721-1644
1210 Turrentine Street, Burlington, NC 27215 ph: (336) 513-5135, fax: (336) 513-5138
e-mail: service@cedarlanelabs.com

Specificity: Rat RT1.D (Anti-Rat Ia-E)

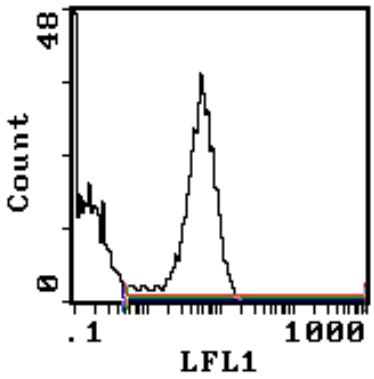
Strains Tested: Wistar, Buffalo, Brown Norway, Fischer 344
Positive: Wistar, Buffalo, Brown Norway, ACI, Fischer 344
Negative: none

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Rat Strain: Fischer
Cell Concentration: $1x10^6$ cells per test
Antibody Concentration Used: 0.5 µg/10^6 cells

Cell Source:	Percentage of cells stained above control:
Thymus	10.2%
Spleen	48.8%
Lymph Node	27.5%



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. Kearney, J.F., Radbruch, A., Leisegang, B. and K. Rajewsky. (1979) A New mouse myeloma cell line that has lost Immunoglobulin expression but permits the construction of antibody-secreting hybrid cell lines. J. Immunol. 123, 1548-1550.
2. Fukumoto, T., McMaster, W.R. and A.F. Williams. (1982) Mouse monoclonal antibodies against rat major histocompatibility antigens. Two Ia antigens and expression of Ia and Class I antigens in rat thymus. Eur. J. Immunol. 12, 237-243.
3. Barclay,A.N. (1981) Different reticular elements in rat lymphoid tissue identified by localization of Ia, thy-1 and MRC OX-2 antigens. Immunology. 42, 593-600.

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