



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Technically
Speaking

CEDARLANE[®]
www.cedarlanelabs.com



Conveniently Delivering You Today's Innovations
for the Science of Tomorrow™

**Anti-Mouse CD71
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
CL8971AP	Purified	200µg	1.0 mg/ml	CLCR2A00
CL8971B/-3	Biotin	100µg/300µg	0.1 mg/ml	CLCR2A15
CL8971F/-3	FITC	100µg/300µg	0.1 mg/ml	CLCR2A01
CL8971PE/-3	PE	50µg/300µg	0.1 mg/ml	CLCR2A04

Isotype: Rat IgG_{2a}

DESCRIPTION:

Cedarlane's anti-mouse CD71 monoclonal antibody reacts with the transferrin receptor (CD71). The expression of CD71 is up-regulated after B cell or T cell activation.

PRESENTATION:

Purified: Purified IgG 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:

Store at 4°C. DO NOT FREEZE 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: RI7 217.1.4

Immunogen: Friend erythroleukemia 745.6 induced for 5 days in 1.5% dimethyl sulfoxide.

Specificity: Mouse CD71

Visit our website for your local distributor.

CEDARLANE[®]



www.cedarlanelabs.com

An ISO 9001:2000 and ISO 13485:2003
registered company.

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

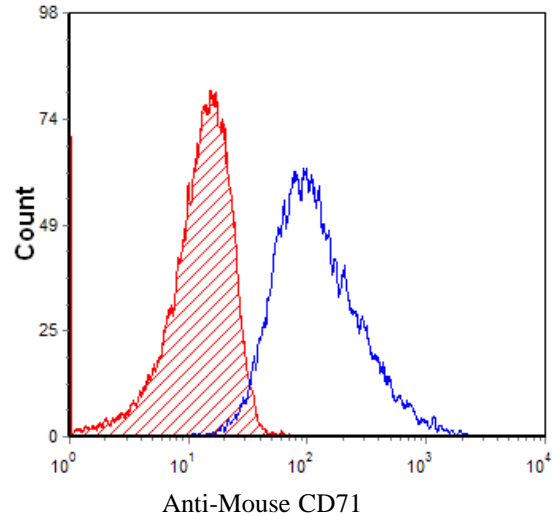
TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: BALB/c

Cell Concentration: 1×10^6 cells per tests

Antibody Concentration Used: $1.0 \mu\text{g}/10^6$ cells



Cell Source: Con-A and Interleukin-2 (IL-2) activated Balb/c Splenocytes
Percentage of cells stained above control: 96.2%

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., Hyman, R., Schulte, R. and Trotter, J. 1984 Expression of transferrin receptor on murine hematopoietic progenitors. *Cell. Immunol.* 83:14-25.
2. Kemp, J.D., Thorson, J.A., McAlmont, T.H., Horowitz, M., Cowdery, J.S. and Ballas, Z.K. 1987 Role of the transferrin receptor in lymphocyte growth: a rat IgG monoclonal antibody against the murine transferrin receptor produces highly selective inhibition of T and B cell activation protocols. *J. Immunol.* 138:2422-2426.
3. Kemp, J.D., Thorson, J.A., Gomez, F., Smith, K.M. Cowdery, J.S., and Ballas, Z.K. 1989 Inhibition of lymphocyte activation with antitransferrin receptor Mabs: a comparison of three reagents and further studies of their range of effects and mechanism of action. *Cell Immunol.* 122:218-230.

FOR RESEARCH USE ONLY