



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-Human CD35
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
CL7614AP	Purified	200µg	1.0 mg/ml	CLCMG100
CL7614B	Biotin	100µg	0.1 mg/ml	CLCMG115
CL7614F	FITC	100µg	0.1 mg/ml	CLCMG101
CL7614PE	PE	50µg	0.1 mg/ml	CLCMG104
CL7614APC	APC	100µg	0.1 mg/ml	CLCMG105

Isotype: Mouse IgG₁

DESCRIPTION:

Cedarlane's anti-Human CD35 monoclonal antibody specifically binds human CD35, also known as Complement receptor type 1 (CR1). CD35 is a membrane glycoprotein that binds C3b and C4b, and is expressed on granulocytes, monocytes, B cells, follicular dendritic cells, subsets of NK and T cells and erythrocytes. CD35's affinity for C3b plays a role in the inactivation of the alternative complement pathway by affecting the function of C3 convertase.

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, PE and APC: Biotin/FITC/PE/APC 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:

For all formats, store at 4°C. DO NOT FREEZE **PE and APC** conjugates. For long term storage (**Purified, Biotin, FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

APPLICATION:

This antibody is suitable for use in Flow Cytometry, Immunohistochemistry (Frozen), Western Blot

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

SPECIFICATIONS:

Clone: To5

Hybridoma Production:

Immunization: Mouse monoclonal antibodies raised against human C3b receptor-enriched precipitates from tonsil cell membranes.

Specificity: This antibody is specific for human CD35.

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Cell Concentration: 1×10^6 cells per tests

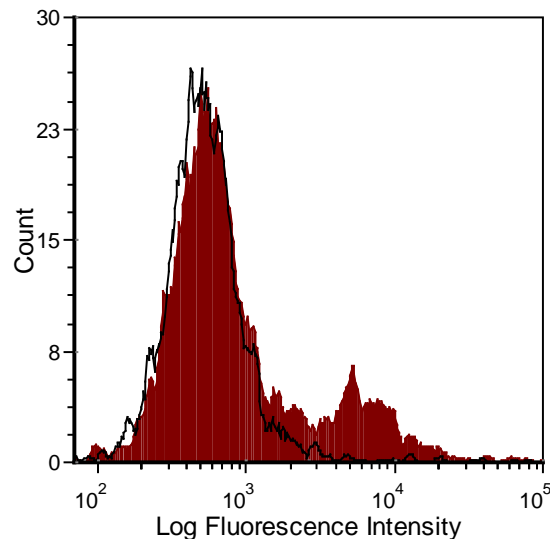
Antibody Concentration Used: $0.5 \mu\text{g}/10^6$ cells

Cell Source

Percentage of cells stained above control:

Human PBLs

11.26%



Human peripheral blood lymphocytes were stained with anti-CD35 (clone: To5) (filled histogram) or Mouse IgG1 isotype control (open histogram).

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. Fearon DT. Identification of the membrane glycoprotein that is the C3b receptor of the human erythrocyte, polymorphonuclear leukocyte, B lymphocyte, and monocyte. *J Exp Med.* Jul 1;152(1):20-30. 1980
2. Gerdes J, Klatt U, Stein H. Xenoantiserum to human C3 receptors: its preparation and effect on the C3b and C3d receptors of tonsil cells and the C3b receptors of erythrocytes and neutrophils. *Immunology.* Jan;39(1):75-84. 1980
3. Gerdes J, Naiem M, Mason DY, Stein H. Human complement (C3b) receptors defined by a mouse monoclonal antibody. *Immunology.* Apr;45(4):645-53. 1982

FOR RESEARCH USE ONLY

® is a registered trademark of Cedarlane