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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Technically
Speaking

CEDARLANE[®] 
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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
CL7614AF4	Alexa Fluor [®] 488	100 µg	0.1 mg/ml	N/A
CL7614AF6	Alexa Fluor [®] 647	100 µg	0.1 mg/ml	N/A

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

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, APC, AF488 and AF647: Biotin/FITC/PE/APC/AF488 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, APC, AF488 and AF647** 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) and Western Blot.

Continued Overleaf.....

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registered company.

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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

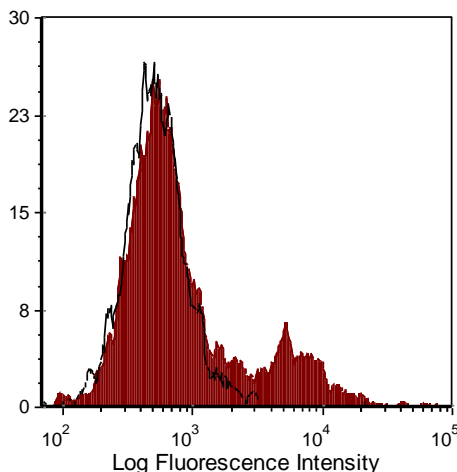
Antibody Concentration Used: $0.5 \mu\text{g}/10^6$ cells

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

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