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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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Technically
Speaking

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

**Anti-Human Glycophorin A (CD235a)
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
CL7607AP	Purified	200 µg	1.0 mg/ml	CLCR2B00
CL7607NA	No Azide	1 mg	1.0 mg/ml	CLCR2B00
CL7607APC	APC	100 µg	0.1 mg/ml	CLCR2B05
CL7607APC-CY7	APC-Cy7	100 µg	0.1 mg/ml	N/A
CL7607B	Biotin	100 µg	0.1 mg/ml	CLCR2B15
CL7607F-R	FITC	50 µg	0.1 mg/ml	CLCR2B01
CL7607PE	PE	50 µg	0.1 mg/ml	CLCR2B04
CL7607PE-CY7	PE-Cy7	100 µg	0.1 mg/ml	N/A
CL7607AF4	Alexa Fluor®488	100 µg	0.1 mg/ml	N/A
CL7607AF6	Alexa Fluor®647	100 µg	0.1 mg/ml	N/A

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

Isotype: Rat IgG_{2b}

DESCRIPTION:

Cedarlane's anti-Human CD235a monoclonal antibody specifically binds human glycophorin A (GPA), a major sialoglycoprotein of the human erythrocyte membrane. GPA is the carrier of blood group M and N specificities. The related protein, glycophorin B accounts for S and U specificities. GPA also binds influenza virus.

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.

No Azide: Purified Ig buffered in PBS, no preservative, 0.2µm sterile filtered. (Purified from ascitic fluid via Protein G Chromatography)

Biotin, FITC, APC, APC-Cy7, PE, PE-Cy7, AF488 and AF647: Biotin/FITC/APC/APC-Cy7/PE/PE-Cy7/AF488/AF647 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 **APC, APC-Cy7, PE, PE-Cy7, AF488 and AF647** conjugates. For long term storage (**Purified, No Azide, Biotin, FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

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registered company.

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APPLICATION:

This antibody is suitable for use in Immunohistochemistry, cytotoxicity and Flow Cytometry.

SPECIFICATIONS:

Clone: YTH 89.1

Hybridoma Production:

Immunization: Rat monoclonal antibodies raised against human CD235a.

Specificity: This antibody is specific for human CD235a (Glycophorin A).

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Cell Concentration: 1×10^6 cells per test

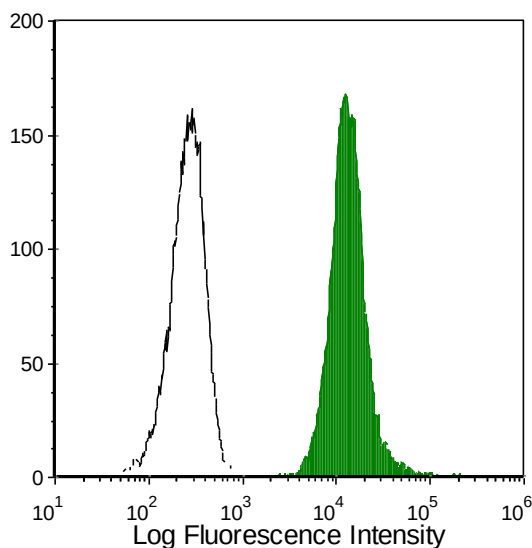
Antibody Concentration Used: $1.0 \mu\text{g}/10^6$ cells

Cell Source:

Human RBCs

Percentage of cells stained above control:

100%



Human red blood cells were stained with anti-CD235a (clone: YTH 89.1) (filled histogram) or Rat IgG2b 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. Outram S, Amess JA, Horton MA. **Erythromyeloid lineage fidelity is conserved in erythroleukaemia.** Leuk Res. 12(8):651-7. 1988.
2. Jokiranta, T.S. and Meri, S. **Biotinylation of monoclonal antibodies prevents their ability to activate the classical pathway of complement.** J. Immunol. 15: 2124-31. 1993.
3. Hale G, Clark M, Waldmann H. **Therapeutic potential of rat monoclonal antibodies: isotype specificity of antibody-dependent cell-mediated cytotoxicity with human lymphocytes.** J Immunol. May; 134(5):3056-61. 1985.

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