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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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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-Mouse Neutrophils (Ly-6B.2)
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
CL8993AP	Purified	100µg	1.0 mg/ml	CLCR2A00
CL8993B/-3	Biotin	100µg/300µg	0.1 mg/ml	CLCR2A15
CL8993F/-3	FITC	100µg/300µg	0.1 mg/ml	CLCR2A01
CL8993PE/-3	PE	50µg/300µg	0.1 mg/ml	CLCR2A04

Isotype: Rat IgG_{2a}

DESCRIPTION:

Cedarlane's anti-mouse neutrophils monoclonal antibody is specific for mouse neutrophils.

This antibody is suitable for use in flow cytometry. This clone has also been reported to work in immunohistochemistry (both frozen and paraffin sections)². Strains reported to be positive for the 7/4 clone are: AKR, C57BL/6, C57BL/10, C58, DBA/2, MF1, NZB, NZW, SJL, Swiss (PO) and 129J. Strains reported to be negative/weak for the 7/4 clone are: A2G, A/Sn, ASW, BALB/c, C3H/HEH and CBA.T6T6.

PRESENTATION:

Purified: Purified IgG buffered in PBS and 0.09% NaN₃. (Purified from tissue culture supernatant 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, 0.09% NaN₃ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.

STORAGE/STABILITY:

Store all formats at 4°C. DO NOT FREEZE

SPECIFICATIONS:

Clone: 7/4

Immunogen: Cultured bone marrow cells

Specificity: Mouse Neutrophils

Continued Overleaf.....

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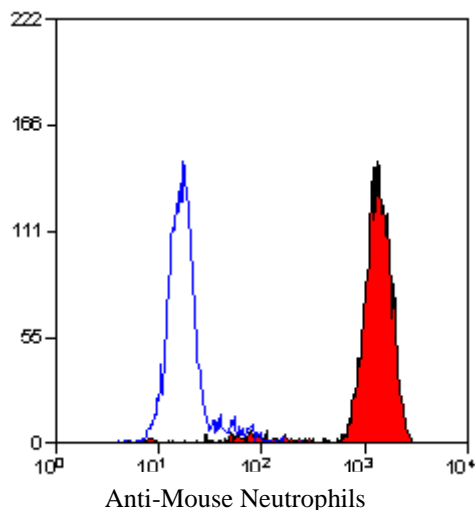
TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: C57BL/6

Cell Concentration: 1×10^6 cells per test

Antibody Concentration Used: 0.2 - $1.0 \mu\text{g}/10^6$ cells



C57BL/6 mouse peripheral blood granulocytes were stained with anti-Neutrophils (Ly-6B.2) (clone: 7/4) (filled histogram) or rat IgG2a 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. Hirsch, S. and Gordon, S. (1983). Polymorphic expression of a neutrophil differentiation antigen revealed by a monoclonal antibody 7/4. *Immunogenetics* 18: 229-239.
2. Gordon, S. et al (1992). Antigen markers of macrophage differentiation in murine tissues. *Curr. Opin. Microbiol. Immunol.* 181: 1-37.

Laboratory Reagent For Research Use Only

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