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Zuschläge

- Mindermengenzuschlag
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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[®]
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Conveniently Delivering You Today's Innovations
for the Science of Tomorrow™

**Anti-Rat IgG2b
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
CL094AP	Purified	250 µg	1.0 mg/ml	CLCMG100
CL094B	Biotin	100 µg	0.1 mg/ml	CLCMG115
CL094F	FITC	100 µg	0.1 mg/ml	CLCMG101
CL094PE	PE	50 µg	0.1 mg/ml	CLCMG104

Isotype: Mouse IgG₁, k

DESCRIPTION:

Cedarlane's NORIg 7.16.2 monoclonal antibody was generated by immunizing mice with rat IgG. This particular clone was selected based on its' specificity for Rat IgG2b.

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:

For all formats, store at 4°C. **Do not freeze PE conjugate.** 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 ELISA, Immunohistochemistry (Frozen), Flow Cytometry and Western Blot.

SPECIFICATIONS:

Clone: NORIg 7.16.2

Hybridoma Production:

Immunization: Immunogen: Rat IgG.
Donor: BALB/c spleen
Fusion Partner: NSO/U cell line

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In CANADA: Toll Free: 1-800-268-5058

4410 Paletta Court, Burlington, ON L7L 5R2 ph: (289) 288-0001, fax: (289) 288-0020
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1210 Turrentine Street, Burlington, NC 27215 ph: (336) 513-5135, fax: (336) 513-5138
e-mail: service@cedarlanelabs.com

Specificity: Rat IgG2b

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: Balb/c

Cell Concentration: 1×10^6 cells per tests

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

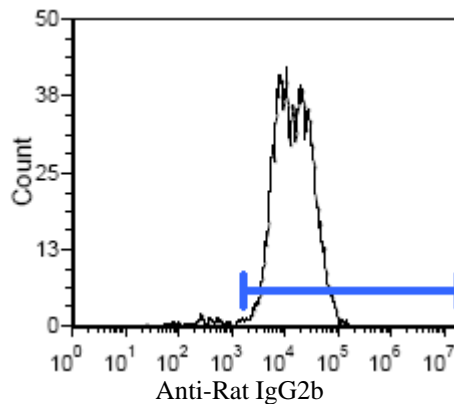
Cell Source

Whole Blood*

Percentage of cells stained above control:

97.6%

*(Whole Blood was initially stained with Cedarlane's Anti-Mouse Erythroid Cell (CL8926AP) and subsequently CL094 was used as the secondary antibody)



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.

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