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siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
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Purified Anti-Mouse CD11b (MAC-1) Monoclonal Antibody

Catalogue#	Format	Size	Concentration	Isotype Control
CL8941A	Ascites	0.5 ml	NA	CLCR2B00
CL8941AP	Purified	250 µg	0.1 mg/ml	CLCR2B00
CL8941LE	Low Endotoxin	500 µg	1.0 mg.ml	CLCR2B00
CL8941B/-3	Biotin	100 µg/300 µg	0.1 mg/ml	CLCR2B15
CL8941F/-3	FITC	100 µg/300 µg	0.1 mg/ml	CLCR2B01
CL8941NA	No Azide	1.0 mg	1.0 mg.ml	CLCR2B00
CL8941PE/-3	PE	50 µg/300 µg	0.1 mg/ml	CLCR2B04
CL8941TC	PE-Cy5	100 µg	1.0 mg.ml	CLCR2B06
CL8941APC	APC	100 µg	0.1 mg/ml	CLCR2B05
CL8941G/-2	10 nm Gold	0.5 ml/1.0 ml	OD3	N/A

Ig Class: Rat IgG_{2b}

DESCRIPTION:

Cedarlane's anti-mouse CD11b (Mac-1; Ly 40) monoclonal antibody detects the 170 kDa α subunit of Mac-1 which mediates adhesion to ICAM-1 (CD54) and C3bi. Mac-1 is expressed on granulocytes, macrophages, natural killer cells, and B-1 cells in the peritoneal and pleural cavities. Mac-1 is up-regulated on neutrophils after activation. This particular clone blocks cell adherence and C3bi binding but does not block cell mediated lysis (1,2,3,4,5,6). Applications include flow cytometry, *in vitro* and *in vivo* blocking, immunohistochemistry for both paraffin embedded and acetone-fixed frozen sections 1-20 µg/ml (7). Also useful for immunoprecipitation and western blotting.

PRESENTATION:

Purified: Purified IgG buffered in PBS and 0.02% NaN_3. (Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.
Biotin, FITC, PE and PE-Cy5: Biotin/FITC/PE/PE-Cy5 conjugated IgG buffered in PBS, 0.02% NaN_3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/mL.
No Azide: Purified Ig buffered in PBS, no preservative, 0.2 µm sterile filtered.

STORAGE/STABILITY:

For all formats, store at 4°C. DO NOT FREEZE **PE**, **PE-Cy5, APC** and **Gold** conjugates. For long term storage (**Purified, Biotin, FITC, No Azide**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

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

Clone: M1/70.15

Hybridoma Production:

Immunization: Immunogen: C57BL/6 spleen cell enriched for T lymphocytes
Donor: DA rat spleen

Fusion Partner: NS-1

Specificity: Mouse CD11b (MAC-1, Ly-40)

TEST RESULTS:

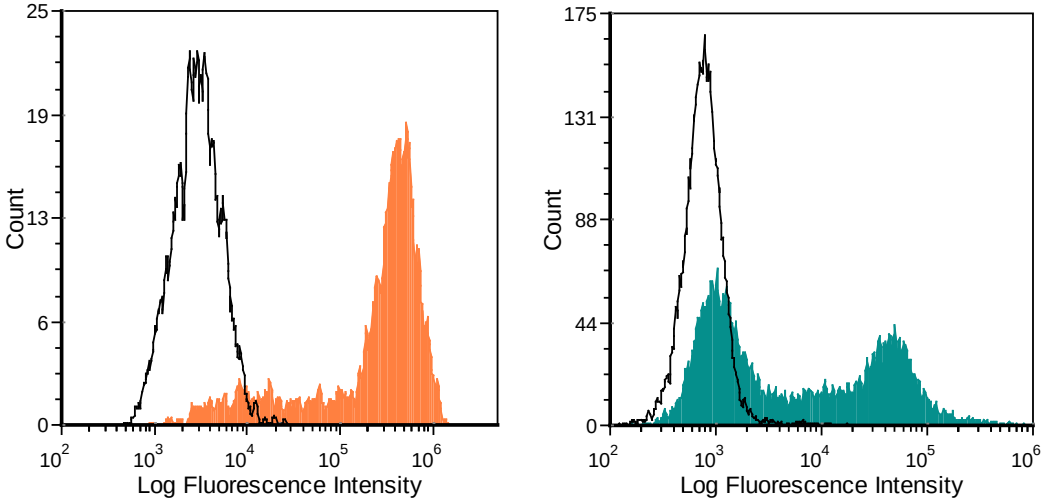
Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: C_3H/HE

Cell Concentration: $1x10^6$ cells per test

Antibody Concentration Used: 0.2 µg/10^6 cells

Cell Source	Percentage of cells stained above control:
Peritoneal Macrophages	90.4%
Bone Marrow Macrophages	68.3%
Thymus	7.5%



C3H/HE mouse peritoneal macrophages (left) and bone marrow (right) were stained with anti-CD11b (clone: M1/70.15) (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.**

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