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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-Mouse CD11a Monoclonal Antibody

Catalogue#	Format	Size	Concentration	Isotype Control
CL8915A	Ascites	0.5ml	NA	CLCMG2A00
CL8915AP	Purified	250µg	1.0 mg/ml	CLCMG2A00
CL8915B/-3	Biotin	100µg/300µg	0.1 mg/ml	CLCMG2A15
CL8915F/-3	FITC	100µg/300µg	0.1 mg/ml	CLCMG2A01
CL8915PE/-3	PE	50µg/300µg	0.1 mg/ml	CLCMG2A04

Isotype: Mouse IgG_{2a}

DESCRIPTION:

Cedarlane's anti-mouse CD11a (Ly 15.2, LFA-1) monoclonal antibody identifies a cell surface glycoprotein consisting of two non-covalently associated chains with molecular weights of 180kDa (α chain) (1) present on most common lymphocytes and T and B cells.

PRESENTATION:

Ascites: Lyophilized

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:

Store **Ascites** at -20°C. For all other formats, store at 4°C. DO NOT FREEZ **PE** conjugates. For long term storage (**Purified, Biotin** and **FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: 8-6.2

Hybridoma Production:

Immunization: Immunogen B6-Ly-1^a Thymus, spleen and lymph node.

Donor: 129/ReJ spleen

Fusion Partner: P3 - NS - 1 Ag-4

Specificity: Mouse CD11a

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An ISO 9001:2000 and ISO 13485:2003
registered company.

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Strains Tested: C57BL/6, BALB/c, AKR, CBA/J, C3H/HE

Positive: C57BL/6, CBA/J, C3H/He

Negative: BALB/c, AKR

TEST RESULTS:

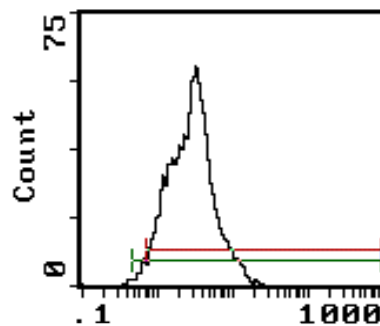
Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: CBA/J

Cell Concentration: 1×10^6 cells per test

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

<u>Cell Source</u>	<u>Percentage of cells stained above control:</u>
Thymus	98.5
Spleen	92.2
Lymph Node	96.8



Anti-Mouse CD11a

Cell Source: Lymph Node

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. Hogarth, P. Mark, Eva M. Eicher, and Ian F.C. McKenzie. 1986. Mapping of the Murine Ly 15 (LFA-1) Locus to Chromosome 7. Immunogenetics.
2. Hogarth, P. Mark, Ian D. Walker, Ian F.C. McKenzie, and Timothy A. Springer. 1985. The Ly-15 alloantigenic system: A Genetically Determined Polymorphism of the Murine Lymphocyte Function - Associated Antigen -1 Molecule. Proc. Natl. Acad. Sci. USA. 82: 526-530.
3. Potter, Terry A., P. Mark Hogarth, and Ian F.C. Mckenzie. 1981. Ly 15; A New Murine Lymphocyte Alloantigenic Locus. Transplantation. 31 (5): 339-342.
4. Marchalonis, John J. ed. The Lymphocyte Structure and Function. 1988. Marcel Dekker, Inc. Nw York. p. 250 - 253.

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