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siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
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Anti-Mouse CD8a (Ly 2) Monoclonal Antibody

Catalogue#	Format	Size	Concentration	Isotype Control
CL169A	Ascites	0.5ml	NA	CLCR2B00
CL169AP	Purified	250µg	1.0 mg/ml	CLCR2B00
CL169LE	Purified	500ug	1.0mg/ml	CLCR2B00
CL169NA	Purified	1.0ml	1.0 mg/ml	CLCR2B00
CL169B/-3	Biotin	100µg/300µg	0.1 mg/ml	CLCR2B15
CL169F/-3	FITC	100µg/300µg	0.1 mg/ml	CLCR2B01
CL169APC	APC	100µg	0.1 mg/ml	CLCR2B05
CL169PE/-3/-100	PE	50µg/300µg/100 µg	0.1 mg/ml	CLCR2B04
CL169AF4	Alexa Fluor®488	100 µg	0.1 mg/ml	N/A
CL169AF6	Alexa Fluor®647	100 µg	0.1 mg/ml	N/A
CL169AF7	Alexa Fluor®700	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-CD8a (Ly 2) monoclonal antibody reacts with a protein of approximately 30 kDa found on mouse thymocytes and mouse cytotoxic/suppressor T cells. It does not bind to mouse helper/inducer T cells. It binds to T lymphocytes from all mouse strains regardless of phenotypic expression (i.e. reacts with T lymphocytes from mouse strains expressing the Ly 2.1 or Ly 2.2 phenotype). It can be used to investigate the role of T cells in models for infectious disease, autoimmunity, transplantation tolerance and fundamental aspects of immunology[1]. It can also be useful to identify/eliminate cytotoxic or suppressor T lymphocytes in vivo or in vitro.

This antibody has been reported to be suitable for use in immunohistochemistry on PFA-fixed paraffin-embedded tissue sections (antigen retrieval is required).[7] This clone has been reported to work in immunohistochemistry[6] (frozen sections).

PRESENTATION:

Ascites: Lyophilized
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.
LE: Purified Ig buffered in PBS, no preservative, 0.2µm sterile filtered. (Purified from cell culture supernatant via Protein G Chromatography)
APC, Biotin, FITC, PE, AF488, AF647 and AF700: Biotin/FITC/PE/AF488/AF647/AF700 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, 0.2µm sterile filtered.

In CANADA: Toll Free: 1-800-268-5058
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STORAGE/STABILITY:

Store **Ascites** at -20°C. For all other formats, store at 4°C. DO NOT FREEZE **APC**, **PE, AF488, AF647 and AF700** conjugates. For long term storage (**Purified, LE, Biotin, FITC** and **No Azide**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: YTS 169.4

Hybridoma Production:

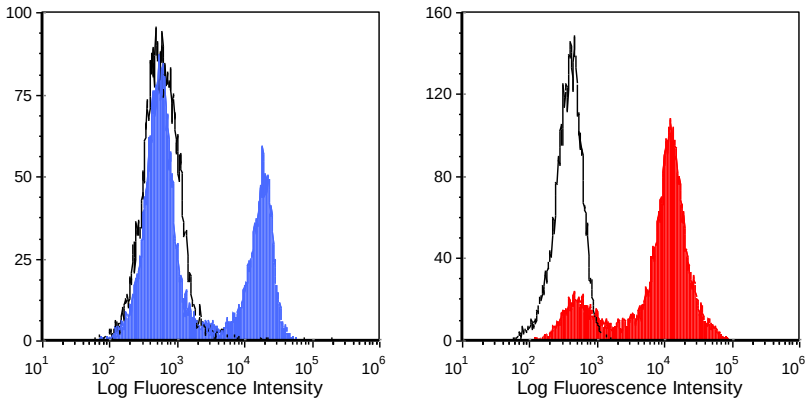
Immunization: Immunogen: Mouse Ly-2 thymocytes
Donor: (Lou x DA) F1 rat
Fusion Partner: myeloma Y3/Ag1.2.3

Specificity: Mouse CD8a (Ly 2)
Strains Tested: C57BL/6, BALB/c, AKR/J, C3H/He
Positive: C57BL/6, BALB/c, AKR/J, C3H/He
Negative: None

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:
Mouse Strain: BALB/c
Cell Concentration: $1x10^6$ cells per tests
Antibody Concentration Used: 1.0 µg/10^6 cells

Cell Source	Percentage of cells stained above control:
Thymus	87.1%
Splenic T Cells*	29.75%



Balb/c mouse splenic T-cells (left) or thymocytes (right) were stained with anti-CD8a (clone: YTS 169.4) (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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7. Zhang B, Kracker S, Yasuda T, Casola S, et al. (2012) Immune Surveillance and Therapy of Lymphomas Driven by Epstein-Barr Virus Protein LMP1 in a Mouse Model. Cell. 148(4):739-51.
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