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Anti-Mouse γδ TCR Monoclonal Antibody

Catalogue#	Format	Size	Concentration	Isotype Control
CL7201A	Purified	0.5ml	NA	HM00
CL7201AP	Purified	250µg	1.0 mg/ml	HM00
CL7201NA	Purified	1.0ml	1.0 mg/ml	HM00
CL7201B/-3	Biotin	100µg/300µg	0.1 mg/ml	HM15
CL7201F/-3	FITC	100µg /300µg	0.1 mg/ml	CLCHM01
CL7201PE/-3	PE	50µg /300µg	0.1 mg/ml	HM04

Isotype: Hamster IgG

DESCRIPTION:

Cedarlane's anti-mouse γδ T cell receptor monoclonal antibody reacts with the surface on all γδ TCR bearing cells and does not react with receptors on αβ TCR positive cells. It is thought that this clone may be specific for a determinant present on Cδ [7]. The γδ T cell receptors are present on murine $CD4^-CD8^-$ thymocytes, peripheral T cells, intestinal $CD8^+$ intraepithelial lymphocytes and Thy 1^+ dendritic epidermal cells in the skin [1].
Use of this antibody in conjunction with an anti-CD3 monoclonal antibody (Cedarlane's anti-CD3ε Monoclonal Antibody CL7202AP) allows for accurate measurements of the mutually exclusive sub-populations of γδ TCR and αβ TCR bearing T cells. Cedarlane's anti mouse γδ TCR monoclonal antibody has also been used successfully for the characterization of murine intraepithelial lymphocytes.

This clone is reported to work with frozen sections[6].

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 and **PE**: Biotin/FITC/PE 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.

STORAGE/STABILITY:

For all formats, store at 4°C. DO NOT FREEZE **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.

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

Clone: GL-3
Hybridoma Production:

Immunization: Immunogen: C57BL/6J intraepithelial lymphocytes
Donor: Amerian Hamster

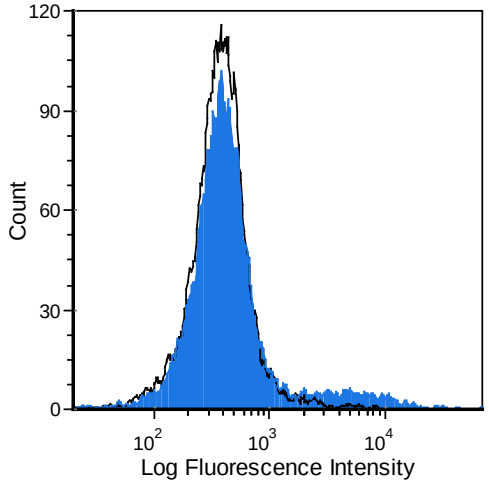
Fusion Partner: Murine myeloma cell line SP2/0
Specificity: Mouse γδ T cell receptor

TEST RESULTS:

Mouse Strain: C3H/He
Cell Concentration : $1x10^6$ cells per tests

Cell Source	Percentage of cells stained above control:
Thymus	10.20%
Splenic T Cells*	21.6%

*(T cells isolated with CL101 - Cedarlane's Mouse T Cell Recovery Column Kit)



C3H/He mouse splenic T-cells were stained with anti-gamma/delta TCR (clone: GL3) (filled histogram) or Armenian hamster IgG 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. Sunderland,C.A., McMaster, W.R., and A.F. Williams. (1979) Eur. J.Immunol. 9, 155-159. Purification with monoclonal antibody of a predominant leukocyte-common antigen and glycoprotein from rat thymocytes.
2. Brown,W.R.A., Barclay,A.N., Sunderland,C.A. and A.F. Williams. (1981) Nature. 289, 1164-1177. Identification of a glycoprotein-like molecule at the cell surface of rat thymocytes.
3. Standring,R. and A.F. Williams. (1978) Biochim.Biophys. Acta. 508, 85-96. Glycoproteins and antigens of membranes prepared from rat thymocytes after lysis by shearing or with the detergent Tween-40.
4. Brown,W.R.A. and A.F. Williams. (1982) Immunology. 46, 713-726. Lymphocyte cell surface glycoproteins which bind to soybean and peanut lectins.
5. Woollet,G.R., Barclay,A.N., Puklavec,M. and A.F. Williams. (1985) Eur. J. Immunol. 15, 168-173. Molecular and antigenic heterogeneity of the rat leukocyte-common antigen from thymocytes and T and B lymphocytes.
6. Brouard, S., *et al.* (1999) J. of Immunol. 162, 3367-3377. T Cell repertoire alterations of vascularized xenografts.

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