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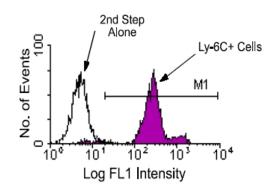
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AM08056PU-N	Monoclonal Antibody to Ly6c - Purified
Alternate names:	Ly-6C2, Ly6C2, Lymphocyte antigen 6C2, Mouse Macrophage Marker
Quantity:	0.5 mg
Concentration:	0.5 mg/ml
Background:	Ly-6C is a member of the Ly-6 multigene family of type V glycophosphatidylinositol- anchored cell surface proteins. It is expressed on bone marrow cells, monocytes/macrophages, neutrophils, endothelial cells, and T-cell subsets. Mice with the Ly-6.2 allotype (e.g., AKR, C57BL, C57BR, C57L, DBA/2, PL, SJL, SWR, 129) have subsets of CD4+Ly-6C+ and CD8+Ly-6C+ cells, while Ly-6.1 strains (e.g., A, BALB/c, CBA, C3H/He, DBA/1, NZB) have only CD8+Ly-6C+ lymphocytes. Ly-6C may play a role in the development and maturation of lymphocytes. (Ref.1-4)
Uniprot ID:	<u>P09568</u>
NCBI:	<u>NP_001092687.1</u>
GenelD:	<u>17067</u>
Host / Isotype:	Rat / IgG2c
Clone:	НК1.4
Format:	<b>State:</b> Liquid purified Ig fraction. <b>Buffer System:</b> 100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added.
Applications:	Flow Cytometry: < / = 1 µg/10e6 cells. (Ref.1,2) Immunohistochemistry on Frozen Sections. (Ref.5) In vitro Activation of T Lymphocytes. (Ref.1,2) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific to Murine Ly-6C (Mr. 18 kDa) <b>Species:</b> Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	<ol> <li>Herold, K.C., A.G. Montag, S.M. Meyer, C. Wojcikowski, and F.W. Fitch. 1990. Diabetes 39:815.</li> <li>Jutila, M.A., F.G.M. Kroese, K.L. Jutila, A.M. Stall, S. Fleming, L.A. Herzenberg, E.L. Berg, and E.C. Butcher. 1988. Eur. J. Immunol. 18:1819.</li> <li>Johnson, R., D.W. Lancki, and F.W. Fitch. 1993. J. Immunol. 151:2986.</li> <li>Lancki, D.W., P. Fields, D. Qian, and F.W. Fitch. 1995. Immunol. Rev. 146:117.</li> <li>Southern Biotechnology Associates, Inc. Unpublished observations.</li> </ol>

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

## **GRIGENE** AM08056PU-N: Monoclonal Antibody to Ly6c - Purified

**Pictures:** 

**Immunofluorescent Staining:** Bone marrow cells from C57BL/6 mice were labeled with purified Rat anti-Mouse Ly-6C and then stained with Goat anti-Rat IgG-FITC. Large cells were gated and analyzed by flow cytometry. Amount Used: 1 μg/10e6 cells.



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