

**AM08056RP-N****Monoclonal Antibody to Ly6c - PE**

<b>Alternate names:</b>	Ly-6C2, Ly6C2, Lymphocyte antigen 6C2, Mouse Macrophage Marker
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	Ly-6C is a member of the Ly-6 multigene family of type V glycosphosphatidylinositol-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)
<b>Uniprot ID:</b>	<a href="#">P09568</a>
<b>NCBI:</b>	<a href="#">NP_001092687.1</a>
<b>GeneID:</b>	<a href="#">17067</a>
<b>Host / Isotype:</b>	Rat / IgG2c
<b>Clone:</b>	HK1.4
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction. <b>Buffer System:</b> PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent. <b>Label:</b> PE – R-Phycoerythrin
<b>Applications:</b>	<b>Flow Cytometry:</b> < / = 0.2 µg/10e6 cells. (Ref.1,2) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody is specific to Murine Ly-6C (Mr. 18 kDa) <b>Species:</b> Mouse. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Herold, K.C., A.G. Montag, S.M. Meyer, C. Wojcikowski, and F.W. Fitch. 1990. Diabetes 39:815. 2. 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. 3. Johnson, R., D.W. Lancki, and F.W. Fitch. 1993. J. Immunol. 151:2986. 4. Lancki, D.W., P. Fields, D. Qian, and F.W. Fitch. 1995. Immunol. Rev. 146:117. 5. Southern Biotechnology Associates, Inc. Unpublished observations.