

**Lymphocyte Antigen 6C (LY6C) Rat Monoclonal (RPE) Antibody**

<b>CatalogID:</b>	LS-C44787
<b>Target Protein:</b>	Lymphocyte Antigen 6C (LY6C)
<b>Gene Synonyms:</b>	LY6C
<b>Host:</b>	Rat
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG2a
<b>Modifications:</b>	R. Phycoerythrin (RPE)
<b>Antigen Species:</b>	
<b>Antigen Type:</b>	Cells
<b>Immunogen:</b>	Cells
<b>Specificity:</b>	BALB/c macrophage precursor cell hybrids
<b>Species Reactivity:</b>	Mouse
<b>Purification:</b>	Protein G column
<b>Volume:</b>	100 $\mu$ l
<b>Concentration:</b>	0.1 mg/ml
<b>Presentation:</b>	Phosphate buffered saline pH7.4
<b>Uses:</b>	IHC-Fr (Optimal dilution to be determined by the researcher)
<b>Summary:</b>	<p>Recognises murine Ly-6C, a 14kD differentiation antigen, which is expressed on macrophage/dendritic cell precursors in mid-stage development (late CFU-M, monoblasts and immature monocytes), granulocytes, and on a wide range of endothelial cells and subpopulations of B- and T-lymphocytes. Using ER-MP20, distinct mouse blood monocyte subsets can be distinguished: immature Ly-6Chi monocytes are recruited to acute peripheral inflammation and develop into Ly-6C+ exudate macrophages, whereas more mature Ly-6C<sup>lo</sup> monocytes are precursors for tissue macrophages and dendritic cells in steady state. Studies show that clone ER-MP20 can be used in conjunction with clone ER-MP12 (MCA2388) in two colour flow cytometric analysis, to identify different stages of myeloid progenitor cells in mouse bone marrow(2).</p>

Laboratory Reagent For In Vitro Research Use Only

Created on 8/21/2008

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