

## Product datasheet for **CL047**

### Ly6c1 Mouse Monoclonal Antibody [Clone ID: 5075-3.6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	5075-3.6
Applications:	CT
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	<p>This Ly6C.2 monoclonal antibody detects the Ly6C.2 (Ly28.2) antigen found on subpopulations of peripheral lymphocytes (50% of CD8+ peripheral T lymphocytes) and bone marrow cells, most neutrophils, but not on thymus cells. (1)</p> <p>The Ly6C.2 and Ly6B.2 determinants have been identified as having overlapping tissue distribution, but they have been proven to be separate entities which are juxtaposed on the cell membrane. (2)</p> <p>Thus, although the role of Ly6C.2 is unclear, antibodies to this antigen may be useful tools for separating functionally distinct subpopulations of lymphocytes and resolving pathways of differentiation. Anti-Ly6C.2 antibodies may also prove useful in T cell activation studies as one of the prominent features of the Ly6C.2 specificity is its enhanced expression following T cell activation. (1)</p>
Formulation:	State: Ascites
Conjugation:	Unconjugated
Gene Name:	lymphocyte antigen 6 complex, locus C1
Database Link:	<a href="#">Entrez Gene 100041546 Mouse</a> <a href="#">Entrez Gene 17067 Mouse</a> <a href="#">POCW02</a>
Synonyms:	Lymphocyte antigen 6C2, Ly-6C2, Ly6C2, Mouse Macrophage Marker



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