

Product datasheet for AM08056BT-N

Ly6c1 Rat Monoclonal Antibody [Clone ID: HK1.4]

Product data:

Product Type: Primary Antibodies

Clone Name: HK1.4

Applications: FC

Recommended Dilution: Flow Cytometry: < $/ = 1 \mu g/10e6$ cells. (Ref.1,2)

Reactivity: Mouse **Host:** Rat

Isotype: IgG2c

Clonality: Monoclonal

Specificity: This antibody is specific to Murine Ly-6C (Mr. 18 kDa) **Formulation:** PBS containing 0.09% Sodium Azide as preservative.

Label: Biotin

State: Liquid purified Ig fraction.

Concentration: lot specific

Conjugation: Biotin

Storage: Store the antibody undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer.

This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Gene Name: lymphocyte antigen 6 complex, locus C1

Database Link: Entrez Gene 17067 Mouse

P0CW02

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.

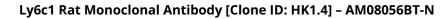
(Ref.1-4)



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Synonyms:

Lymphocyte antigen 6C2, Ly-6C2, Ly6C2, Mouse Macrophage Marker