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Datasheet for ABIN1700055  
**anti-Ly6c/CD59 antibody (AA 26-102) (Biotin)**

### Overview

Quantity:	100 µL
Target:	Ly6c/CD59 (LY6C)
Binding Specificity:	AA 26-102
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ly6c/CD59 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Ly6c
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	Ly6c/CD59 (LY6C)
Alternative Name:	Ly6c/CD59 ( <a href="#">LY6C Products</a> )
Background:	Synonyms: Ly 6c, Ly6c protein, Ly-6C, Ly6c1, Ly6c2, Lymphocyte antigen 6 complex,

## Target Details

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Lymphocyte antigen 6 complex locus C, Lymphocyte antigen 6C, Lymphocyte antigen 6C1, Lymphocyte antigen 6C2, Lymphocyte antigen Ly 6C, CD59\_HUMAN.

Background: The gene encoding the mouse alloantigen, Ly-6C, maps to chromosome 15 and encodes a 131 amino acid protein that belongs to the Ly-6 family of glycosyl-phosphatidylinositol (GPI)-linked proteins. Ly-6 family members share amino acid homology throughout a distinctive cysteine rich protein domain that incorporates O-linked carbohydrates. Murine Ly-6 Molecules have unique patterns of tissue expression during hematopoiesis from multipotential stem cells to lineage committed precursor cells, and on specific leukocyte subpopulations in the peripheral lymphoid tissues. Ly-6C is predominantly expressed on murine peripheral CD8 T cells. Ly-6C is involved in endothelial adhesion, the killing of target cells by CTLs, inducing TCR-mediated activation of IL-2 and IFN- $\gamma$  production in CD8 T cells and the homing of CD8 T cells. In addition, Ly-6C may act as a signaling molecule of LFA-1 activation.

## Application Details

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Application Notes:           WB 1:300-5000  
  IHC-P 1:200-400  
  IHC-F 1:100-500

Restrictions:                 For Research Use only

## Handling

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Format:                        Liquid

Concentration:               1  $\mu\text{g}/\mu\text{L}$

Buffer:                        Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative:                ProClin

Precaution of Use:         This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage:                      -20 °C

Storage Comment:         Store at -20°C for 12 months.

Expiry Date:                 12 months