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Datasheet for ABIN5006373

anti-Ly6c/CD59 antibody (AA 26-102) (Alexa Fluor 680)

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 Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (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 (LY6C Products)
Background:	Synonyms: Ly 6c, Ly6c protein, Ly-6C, Ly6c1, Ly6c2, Lymphocyte antigen 6 complex,

Target Details

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- γ 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

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months