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Datasheet for ABIN1713557
anti-Ly6c/CD59 antibody (AA 26-102)

1 Publication

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 un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

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)

Target Details

Background:	<p>Synonyms: Ly 6c, Ly6c protein, Ly-6C, Ly6c1, Ly6c2, Lymphocyte antigen 6 complex, Lymphocyte antigen 6 complex locus C, Lymphocyte antigen 6C, Lymphocyte antigen 6C1, Lymphocyte antigen 6C2, Lymphocyte antigen Ly 6C, CD59_HUMAN.</p> <p>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.</p>
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Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 $\mu\text{g}/\mu\text{L}$
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Nashine, Chwa, Kazemian, Thaker, Lu, Nesburn, Kuppermann, Kenney: "Differential Expression of Complement Markers in Normal and AMD Transmitochondrial Cybrids." in: **PLoS ONE**, Vol. 11, Issue 8, pp. e0159828, (2017) ([PubMed](#)).