

Datasheet

Ly6a monoclonal antibody, clone D7 (PE)

Catalog Number: MAB5759

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against native Ly6a.

Clone Name: D7

Immunogen: Native purified Ly6a from IL-2-dependent mouse T-cell line CTL-L.

Host: Rat

Reactivity: Mouse

Applications: Flow Cyt, IP, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Ly-6A.2 and Ly-6E.1, allelic members of the Ly-6 multigene family; Mr 18 KDa.

Form: Liquid

Conjugation: PE

Isotype: IgG2a, kappa

Recommend Usage: Flow Cytometry (0.2 ug/10⁶ cells)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 110454

Gene Symbol: Ly6a

Gene Alias: Ly-6A.2, Ly-6A/E, Ly-6E.1, Sca-1, Sca1, TAP

References:

1. In vitro expansion of hematopoietic progenitors and maintenance of stem cells: comparison between FLT3/FLK-2 ligand and KIT ligand. Yonemura Y, Ku H, Lyman SD, Ogawa M. Blood. 1997 Mar 15;89(6):1915-21.

2. In vitro differentiation of murine Sca-1+Lin- cells into myeloid, B cell and T cell lineages. Ito M, Anan K, Misawa M, Kai S, Hara H. Stem Cells. 1996 Jul;14(4):412-8.

3. Transplantable NK cell progenitors in murine bone marrow. Moore T, Bennett M, Kumar V. J Immunol. 1995 Feb 15;154(4):1653-63.