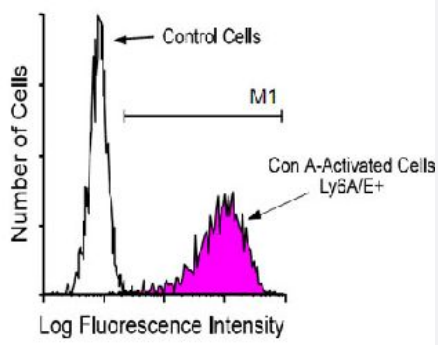
Ly6a monoclonal antibody, clone D7 (Biotin)

Catalog # MAB5758 Size 500 ug

Applications



Flow Cytometry

BALB/c spleen cells were activated by incubation for 48 hours with concanavalin-A. After harvesting, the cells were stained with Ly6a monoclonal antibody, clone D7 (FITC) (Cat # MAB5757), and activated cells were gated and analyzed on a FACScan™ flow cytometer.

Specification

Product Description	Rat monoclonal antibody raised against native Ly6a.
Immunogen	Native purified Ly6a from IL-2-dependent mouse T-cell line CTL-L.
Host	Rat
Reactivity	Mouse
Specificity	Ly-6A.2 and Ly-6E.1, allelic members of the Ly-6 multigene family; Mr 18 KDa.
Form	Liquid
Conjugation	Biotin
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (1 ug/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

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Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  BALB/c spleen cells were activated by incubation for 48 hours with concanavalin-A. After harvesting, the cells were stained with Ly6a monoclonal antibody, clone D7 (FITC) (Cat # MAB5757), and activated cells were gated and analyzed on a FACScan™ flow cytometer.

- Immunoprecipitation

- Western Blot

Gene Info — Ly6a

Entrez GeneID	110454
Gene Name	Ly6a
Gene Alias	Ly-6A.2, Ly-6A/E, Ly-6E.1, Sca-1, Sca1, TAP
Gene Description	lymphocyte antigen 6 complex, locus A
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

Publication Reference

- 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; 89(6):1915.

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- 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.

- Transplantable NK cell progenitors in murine bone marrow.

  Moore T, Bennett M, Kumar V.

  Journal of Immunology 1995 Feb; 154(4):1653.

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