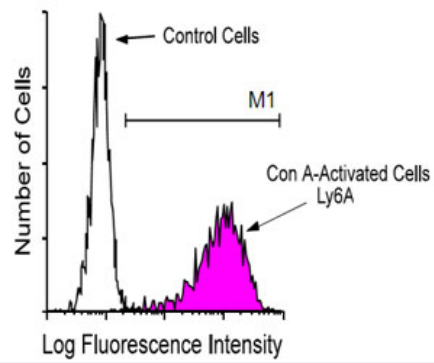
Ly6a monoclonal antibody, clone D7

Catalog # MAB3239 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 (Cat # MAB3239)-FITC, and activated cells were gated and analyzed on a FACScan™ flow cytometer.

Specification

Product Description	Rat monoclonal antibody raised against Ly6a.
Immunogen	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
Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

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Applications

- Immunohistochemistry (Frozen sections)
- 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 (Cat # MAB3239)-FITC, 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.

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  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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