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Ly-6A/E Monoclonal Antibody (D7), FITC

Catalog Number **A14731**

Product data sheet

Details	
Size	25 µg
Host/Isotope	Rat / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	D7
Immunogen	IL-2-dependent mouse T-cell line CTL-L
Conjugate	FITC
Form	Liquid
Concentration	0.5 mg/mL
Purification	purified
Storage buffer	PBS
Contains	<0.1% sodium azide
Storage Conditions	4° C, store in dark

Species Reactivity	
Species reactivity	Mouse

Tested Applications	Dilution *
Flow Cytometry (Flow)	1 µg/1x10^6 cells

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Background/Target Information

Stem Cell Antigen-1 (Sca-1) is a member of the lymphocyte antigen 6 (Ly-6) family. It is expressed on multipotent hematopoietic stem cells (HSC) and is used as a marker of HSC in mice. Sca-1 is used in combination with lineage depletion antibodies to identify murine HSC. Sca-1 can be found in fetal liver, adult bone marrow, and adult peripheral blood and spleen. Sca-1 may be involved in the regulation of B and T cell activation.

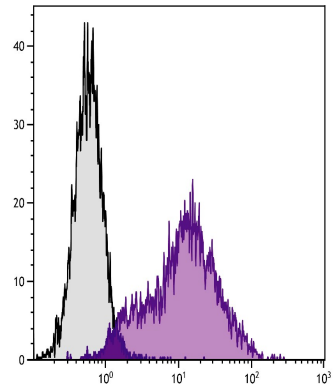
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Product Images For Ly-6A/E Monoclonal Antibody (D7), FITC



Ly-6A/E Antibody (A14731) in Flow

Flow cytometry analysis of Ly-6A/E in con-A stimulated C57BL/6 mouse splenocytes. Cells were stained with Ly-6A/E Monoclonal Antibody (D7), FITC (Product # A14731).

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