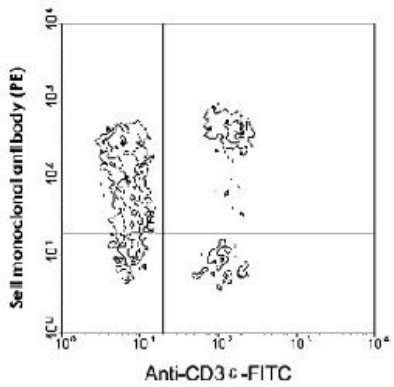
Sell monoclonal antibody, clone MEL-14 (APC)

Catalog # MAB5738 Size 100 ug

Applications



Flow Cytometry

BALB/c splenocytes were double-stained with Sell monoclonal antibody, clone MEL-14 (PE) (Cat # MAB5737) and rat anti-mouse Cd3e-FITC. Lymphocytes were gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Rat monoclonal antibody raised against Sell.
Immunogen	C3H/eb cloned mouse B lymphoma 38C-13.
Host	Rat
Reactivity	Mouse
Specificity	CD62L/L-selectin, Mr 90 KDa.
Form	Liquid
Conjugation	APC
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (0.1 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

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

  BALB/c splenocytes were double-stained with Sell monoclonal antibody, clone MEL-14 (PE) (Cat # MAB5737) and rat anti-mouse Cd3e-FITC. Lymphocytes were gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).
- Immunoprecipitation

Gene Info — Sell

Entrez GeneID	20343
Gene Name	Sell
Gene Alias	AI528707, CD62L, L-selectin, LECAM-1, Lnhr, Ly-22, Ly-m22, Lyam-1, Lyam1
Gene Description	selectin, lymphocyte
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

Publication Reference

- The mouse lymph node homing receptor is identical with the lymphocyte cell surface marker Ly-22: role of the EGF domain in endothelial binding.

  Siegelman MH, Cheng IC, Weissman IL, Wakeland EK.

  Cell 1990 May; 61(4):611.

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- Phenotypic analysis of thymocytes that express homing receptors for peripheral lymph nodes.

  Reichert RA, Weissman IL, Butcher EC.

  Journal of Immunology 1986 May; 136(10):3521.

- A cell-surface molecule involved in organ-specific homing of lymphocytes.

  Gallatin WM, Weissman IL, Butcher EC.

  Nature 1983 Jul; 304(5921):30.

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