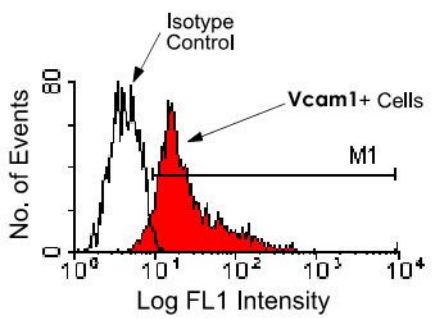
Vcam1 monoclonal antibody, clone M/K-2 (Biotin)

Catalog # MAB6095 Size 500 ug

Applications



Flow Cytometry

BALB/c bone marrow cells were stained with Vcam1 monoclonal antibody, clone M/K-2 (FITC) (Cat # MAB6094), following which large cells were gated and analyzed by flow cytometry.

Specification

Product Description	Rat monoclonal antibody raised against Vcam1.
Immunogen	Balb/3T3, +/+ 2.4 cells.
Host	Rat
Reactivity	Mouse
Specificity	Specificity CD106/VCAM-1 (~Mr 100-KDa)
Form	Liquid
Conjugation	Biotin
Isotype	IgG1, 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

- Immunofluorescence
- Flow Cytometry

BALB/c bone marrow cells were stained with Vcam1 monoclonal antibody, clone M/K-2 (FITC) (Cat # MAB6094), following which large cells were gated and analyzed by flow cytometry.

Gene Info — Vcam1

Entrez GeneID	22329
Gene Name	Vcam1
Gene Alias	CD106, Vcam-1
Gene Description	vascular cell adhesion molecule 1
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- Inhibition of T cell costimulation by VCAM-1 prevents murine graft-versus-host disease across minor histocompatibility barriers.

  Schlegel PG, Vaysburd M, Chen Y, Butcher EC, Chao NJ.

  Journal of Immunology 1995 Oct; 155(8):3856.

  Application: Func, Mouse, Bone marrow cells, Lymphocytes, Spleen cells

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- A VCAM-like adhesion molecule on murine bone marrow stromal cells mediates binding of lymphocyte precursors in culture.

  Miyake K, Medina K, Ishihara K, Kimoto M, Auerbach R, Kincade PW.

  The Journal of Cell Biology 1991 Aug; 114(3):557.

- Evidence for a role of the integrin VLA-4 in lympho-hemopoiesis.

  Miyake K, Weissman IL, Greenberger JS, Kincade PW.

  The Journal of Experimental Medicine 1991 Mar; 173(3):599.

  Application: Flow Cyt, Mouse, 7OZ/3, B815, BM-2, WEHI231 cells

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