

Datasheet

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

Catalog Number: MAB6096

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against Vcam1.

Clone Name: M/K-2

Immunogen: Balb/3T3, +/- 2.4 cells.

Host: Rat

Reactivity: Mouse

Applications: Flow Cyt, IF
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Specificity CD106/VCAM-1 (~Mr 100-KDa)

Form: Liquid

Conjugation: PE

Isotype: IgG1, kappa

Recommend Usage: Flow Cytometry (0.2 ug/10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 22329

Gene Symbol: Vcam1

Gene Alias: CD106, Vcam-1

References:

1. 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. *J Immunol.* 1995 Oct 15;155(8):3856-65.
2. 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. *J Cell Biol.* 1991 Aug;114(3):557-65.
3. Evidence for a role of the integrin VLA-4 in lympho-hemopoiesis. Miyake K, Weissman IL, Greenberger JS, Kincade PW. *J Exp Med.* 1991 Mar 1;173(3):599-607.