Recombinant VCAM1/VCAM-1/CD106 Monoclonal Antibody

catalog number: AN300484P

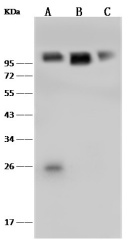
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse VCAM1/VCAM-1/CD106 Protein
Host	Rabbit
Isotype	IgG
Clone	5C10
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:2000
FCM	1:25-1:100

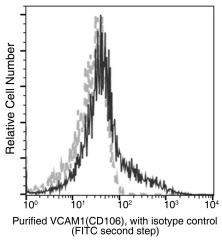
Data



Western Blot with VCAM1 Monoclonal Antibody at dilution of 1:500 dilution. Lane A: NIH 3T3 Whole Cell Lysate, Lane B: Mouse brain tissue lysate, Lane C: Mouse kidney tissue lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:100 kDa

Calculated-MW:81 kDa



Flow cytometric analysis of Mouse VCAM1(CD106) expression on BABL/c bone marrow cells. Cells were stained with purified anti-Mouse VCAM1(CD106), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

VCAM-1 (CD106), a member of the immunoglobulin superfamily, is a cell surface protein expressed by activated endothelial cells and certain leukocytes (such as macrophages). VCAM-1 expression is induced by IL-1 beta, IL-4, TNF-alpha and IFN-gamma. VCAM-1 binds to leukocyte integrins VLA-4 and alpha 4 beta 7. The human and mouse VCAM-1 proteins share approximately 76% amino acid similarity.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com