

Product Name: VCAM1 Rabbit Monoclonal Antibody
Catalog #: AMRe01575



Summary

Production Name	VCAM1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	Vcam1
Alternative Names	VCAM1; L1CAM; VCAM 1; V CAM 1; DKFZp779G2333; CD106
Gene ID	22329.0
SwissProt ID	P29533.

Application

Dilution Ratio	WB: 1:500-1:1000 IP: 1:20
Molecular Weight	Calculated MW: 81 kDa; Observed MW: 100 kDa

Background

Important in cell-cell recognition. Appears to function in leukocyte-endothelial cell adhesion. Interacts with integrin alpha-

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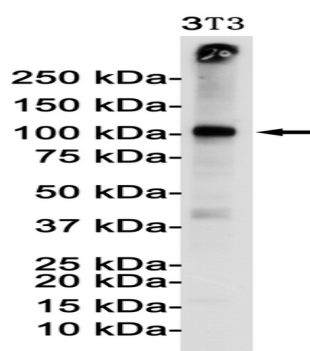


4/beta-1 (ITGA4/ITGB1) on leukocytes, and mediates both adhesion and signal transduction. The VCAM1/ITGA4/ITGB1 interaction may play a pathophysiologic role both in immune responses and in leukocyte emigration to sites of inflammation.

Research Area

Signal Transduction

Image Data



Western blot analysis of VCAM1 in 3T3 lysates using VCAM1 antibody.

Note

For research use only.