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**Product Name: VCAM1 Rabbit Monoclonal Antibody****Catalog #: AMRe85231**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IP 1:10-1:20
<b>Molecular Weight</b>	Calculated MW: 81 kDa; Observed MW: 100 kDa

**Antigen Information**

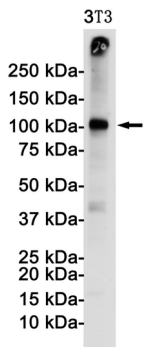
<b>Gene Name</b>	VCAM1
<b>Alternative Names</b>	VCAM1; L1CAM; VCAM 1; V CAM 1; DKFZp779G2333; CD106
<b>Gene ID</b>	22329.0
<b>SwissProt ID</b>	P29533
<b>Immunogen</b>	Recombinant protein of mouse VCAM1

**Background**

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

## Image Data



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