

## Summary

<b>Production Name</b>	VCAM1 Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

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

## Immunogen

<b>Gene Name</b>	VCAM1
<b>Alternative Names</b>	VCAM1; L1CAM; Vascular cell adhesion protein 1; V-CAM 1; VCAM-1; INCAM-100; CD antigen CD106
<b>Gene ID</b>	7412
<b>SwissProt ID</b>	P19320

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20
<b>Molecular Weight</b>	Calculated MW: 81 kDa; Observed MW: 110 kDa

**Product Name: VCAM1 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe01570**



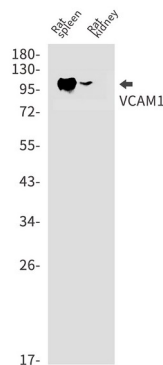
## Background

This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of atherosclerosis and rheumatoid arthritis. Two alternatively spliced transcripts encoding different isoforms have been described for this gene. Tissue specificity:

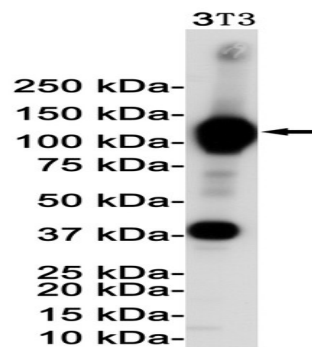
## Research Area

Signal Transduction

## Image Data

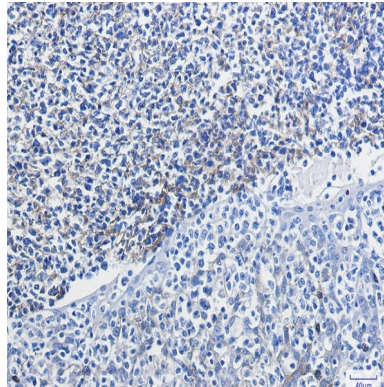


Western blot analysis of VCAM1 in rat spleen, rat kidney lysates using VCAM1 antibody.



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

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Immunohistochemistry analysis of paraffin-embedded Human tonsil using VCAM1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

For research use only.