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Datasheet for ABIN7426718  
**anti-VCAM1 antibody (AA 409-682)**

3 Images

### Overview

Quantity:	100 µL
Target:	VCAM1
Binding Specificity:	AA 409-682
Reactivity:	Rabbit
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This VCAM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Monoclonal Antibody to Vascular Cell Adhesion Molecule 1 (VCAM1)
Immunogen:	Recombinant Vascular Cell Adhesion Molecule 1 (VCAM1) corresponding to Ile409~Thr682 (Accession # Q865F2)
Clone:	C1
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against VCAM1. It has been selected for its ability to recognize VCAM1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Protein A + Protein G affinity chromatography

## Target Details

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Target:	VCAM1
Alternative Name:	Vascular Cell Adhesion Molecule 1 ( <a href="#">VCAM1 Products</a> )
Background:	CD106, INCAM-100, L1CAM
Pathways:	<a href="#">Carbohydrate Homeostasis</a>

## Application Details

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Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

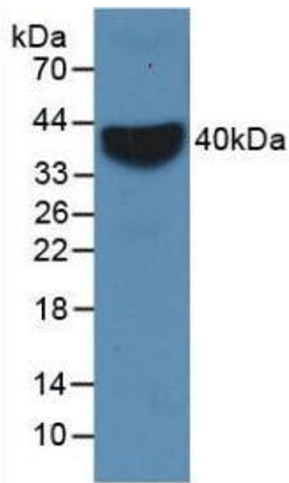
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



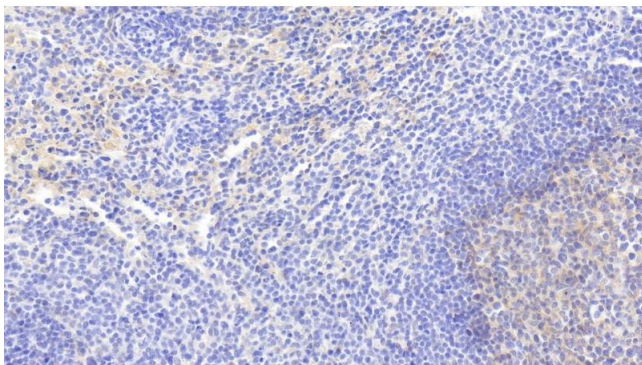
#### Western Blotting

**Image 1.** Detection of VCAM1 in Rabbit Serum using Monoclonal Antibody to Vascular Cell Adhesion Molecule 1 (VCAM1)



#### Western Blotting

**Image 2.** Detection of Recombinant VCAM1, Rabbit using Monoclonal Antibody to Vascular Cell Adhesion Molecule 1 (VCAM1)



#### Immunohistochemistry

**Image 3.** Detection of VCAM1 in Rabbit Spleen Tissue using Monoclonal Antibody to Vascular Cell Adhesion Molecule 1 (VCAM1)