

# VCAM1 Conjugated Antibody

Catalog No: #C38123

Package Size: #C38123-AF350 100ul #C38123-AF405 100ul #C38123-AF488 100ul  
 #C38123-AF555 100ul #C38123-AF594 100ul #C38123-AF647 100ul  
 #C38123-AF680 100ul #C38123-AF750 100ul #C38123-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	VCAM1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total VCAM1 antibody.
Immunogen Description	Recombinant Protein of human VCAM1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	VCAM1 ; L1CAM; VCAM 1; V CAM 1; DKFZp779G2333; CD106
Accession No.	Swiss-Prot#:P19320NCBI Gene ID:7412
Uniprot	P19320
GeneID	7412;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	81
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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Vascular cell adhesion protein 1 (VCAM1) is important in cell-cell recognition. It has been reported to function in leukocyte-endothelial cell adhesion, interact with the beta-1 integrin VLA4 on leukocytes, and mediate both adhesion and signal transduction. There are two isoforms; Isoform 1, a single-pass type I membrane protein, and isoform 2, a lipid-anchor (GPI-anchor). VCAM1 is expressed on inflamed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflamed tissue. It is also expressed in the bone marrow (1).

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Note: This product is for in vitro research use only