

## Human VCAM-1/CD106 Antibody Pair Set

**Catalog No.** E-KAB-0456 **Applications** ELISA  
**Synonyms** VCAM1;CD106;INCAM-100;vascular cell adhesion molecule 1

### Kit components & Storage

Title	Specifications	Storage
Human VCAM-1/CD106 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human VCAM-1/CD106 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

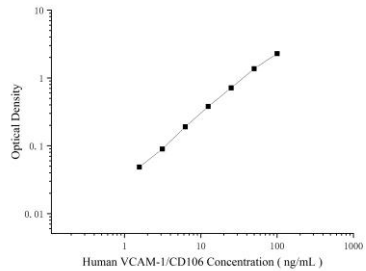
### Product Information

Items		Characteristic (E-KAB-0456)	
		Human VCAM-1/CD106 Capture Antibody	Human VCAM-1/CD106 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human VCAM-1/CD106 protien	Recombinant Human VCAM-1/CD106 protien
	Swissprot	P19320	
Product details	Reactivity	Human	Human
	Host	Mouse	Mouse
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Protein A or G	Protein A or G
	Specificity	Detects Human VCAM-1/CD106 in ELISAs.	

### For Research Use Only

## Applications

### Human VCAM-1/CD106 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Human VCAM-1/CD106 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human VCAM-1/CD106 Detection Antibody (Biotin)	

**Note:** This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

## 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. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.