Mouse VCAM-1/CD106 Antibody Pair Set

Catalog No. E-KAB-0342 **Applications** ELISA
Synonyms VCAM1, CD106, INCAM-100, vascular cell adhesion molecule 1

Kit components & Storage

Title	Specifications	Storage
Mouse VCAM-1/CD106 Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Mouse 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-0342)	
		Mouse VCAM-1/CD106 Capture Antibody	Mouse VCAM-1/CD106 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse VCAM-1/CD106 protein	Recombinant Mouse VCAM-1/CD106 protein
	Swissprot	P29533	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Rat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Protein A or G	Protein A or G
	Specificity	Detects Mouse VCAM-1/CD106 in ELISAs.	

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
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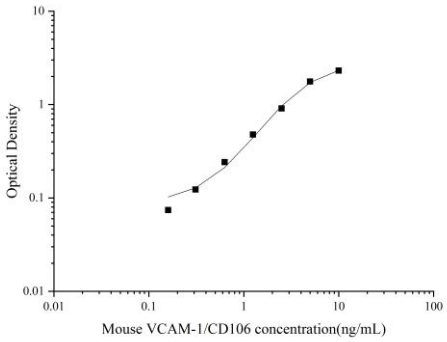
Applications

Mouse VCAM-1/CD106 Sandwich ELISA Assay:

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

Vascular cell adhesion molecule 1 (VCAM1),also known as CD106,is a transmembrane glycoprotein belonging to the immunoglobulin gene superfamily. VCAM1 is expressed by cytokine-activated endothelium,interacts with integrin VLA4 (α4β1) present on the surface of leukocytes,and mediates both adhesion and signal transduction. It is also expressed either constitutively or inducibly in a variety of other cell types,including vascular smooth muscle cells,differentiating skeletal muscle cells,renal and neural epithelial cells,macrophages (Kupffer cells),dendritic cells,and bone marrow stromal cells .

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