

Human VCAM-1/CD106 Antibody

Polyclonal Goat Serum Catalog Number: BBA19

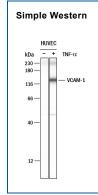
DESCRIPTION	
Species Reactivity	Human
Specificity	Detects VCAM-1/CD106 in Western blots. VCAM-1/CD106 has been screened using CHO cells transfected with cDNAs for ICAM-1 and VCAM-1.
Source	Polyclonal Goat Serum
Purification	N/A
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human VCAM-1
Formulation	Lyophilized from a 0.2 µm filtered solution in Serum. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Ontimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website

	Recommended Concentration	Sample
Western Blot	1:1000 dilution	Recombinant Human VCAM-1/CD106 (Catalog # 809-VR)
Immunohistochemistry	1:200 dilution	Immersion fixed paraffin-embedded sections of human kidney subjected to Antigen Retrieval Reagent-Basic (Catalog # CTS013)
Simple Western	20 μg/mL	HUVEC human umbilical vein endothelial cells

DATA



Detection of Human VCAM-1/CD106 by Simple Western 1 M. Simple Western lane view shows lysates of HUVEC human umbilical vein endothelial cells untreated (-) or treated (+) with 10 ng/ml Recombinant Human TNF-α (Catalog # 210-TA) for 24 hrs, loaded at 0.2 mg/mL. A specific band was detected for VCAM-1/CD106 at approximately 132 KDa (as indicated) using 20 μg/mL of Goat Anti-Human VCAM-1/CD106 Polyclonal Antibody (Catalog # BBA19) . This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.

PREPARATION AND STORAGE		
Reconstitution	Reconstitute in 0.5 mL of sterile water.	
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.	
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.	

BACKGROUND

Vascular cell adhesion molecule (VCAM-1) is expressed on the surface of activated endothelial cells and macrophages. It binds to leukocyte integrins VLA-4 and α4 β7 to promote leukocyte adhesion at sites of inflamed vasculature.

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