

For Research Use Only

# Rat VCAM-1/CD106 Recombinant monoclonal antibody, PBS Only

Catalog Number:86797-1-PBS



## Basic Information

<b>Catalog Number:</b> 86797-1-PBS	<b>GenBank Accession Number:</b> NM_012889.1	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 25361	<b>CloneNo.:</b> 251266C11
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P29534	
<b>Immunogen Catalog Number:</b> EG3821	<b>Full Name:</b> vascular cell adhesion molecule 1	
	<b>Calculated MW:</b> 81 kDa	
	<b>Observed MW:</b> 100-110 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
mouse, rat

## Background Information

Vascular cell adhesion molecule 1 (VCAM1), also known as CD106, is a 110-kDa transmembrane glycoprotein belonging to the immunoglobulin gene superfamily. VCAM1 is expressed by cytokine-activated endothelium, interacts with integrin VLA4 ( $\alpha 4 \beta 1$ ) 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 (PMID: 7507076, 11359843).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

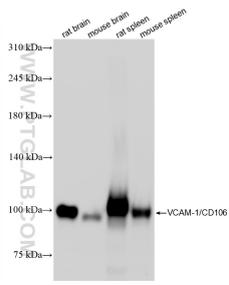
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86797-1-RR (Vcam1/CD106 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86797-1-PBS in a different storage buffer formulation.