

**MOUSE ANTI-HUMAN CD106 (VCAM-1) R-PE  
CONJUGATED MONOCLONAL ANTIBODY**

<b>CATALOG NUMBER:</b>	<b>CBL206P</b>	<b>QUANTITY:</b>	100 test
<b>LOT NUMBER:</b>			
<b>ALTERNATE NAMES:</b>	CD106	<b>EPITOPE:</b>	R-PE Conjugate
<b>CLONE NAME:</b>	1.G11B1	<b>HOST/ISOTYPE:</b>	Ms IgG1
<b>SPECIFICITY:</b>	The antibody is specific to human vascular cell adhesion molecule (VCAM-1, 110 kDa) whose ligand is VLA4 (CD49d/CD29, alpha4/beta1 integrin subunits). The antigen is distributed across non leucocyte and leucocyte cells e.g. neural crest and fibroblasts, B cells, T cells, monocytes and large granular lymphocytes KNOWN SPECIES CROSS REACTIVITY: Recognizes pig		
<b>APPLICATIONS:</b>	This antibody works both in ELISA assays and in immunohistological sections The antibody has applications in studies of cell-cell interactions The antibody inhibits cellular adhesion Western blotting Optimal working dilutions must be determined by the end user.		
<b>SPECIES REACTIVITY:</b>	Reacts with Human and Porcine (Pig). Reactivity with other species has not been determined.		
<b>FORMAT:</b>	Purified by Protein-A affinity chromatography.		
<b>PRESENTATION:</b>	The conjugate is supplied in phosphate buffered saline containing 10mM sodium azide and 1mg/ml bovine serum albumin. For flow cytometry we recommend using 10µL of conjugate per test.		
<b>STORAGE/HANDLING:</b>	Store at +4°C protected from light. DO NOT FREEZE. For long term use and storage aliquot conjugate into small volumes and store at +4°C for up to six months.		
<b>REFERENCES:</b>	Thornhill, M. H. et al. (1991). J. Immunol. 146:592-98.		

*For research use only; not for use in a diagnostic.*

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**Important Note:** During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

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