



AAA  
# MA140020  
MA140030  
MA140070  
MA140035  
MA140075

## PRODUCT INFORMATION SUMMARY

### ANTI-VCAM-1 (CD106)

MA140020	Purified	0.1 mg
MA140030	FITC	100 Tests
MA140070	Phycoerythrin	100 Tests
MA140035	FITC	50 Tests
MA140075	Phycoerythrin	50 Tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

The Vascular Cell Adhesion Molecule (VCAM-1) is a 110 kDa molecule whose ligand is VLA4 (integrin subunits CD49d/CD29). The antigen is found on many cell types, including lymphocytes, fibroblasts, monocytes, and neural crest cells.

#### CLONE:

ANTIGENIX AMERICA clone G11B1.

Immunoglobulin chain composition: IgG1

#### CONJUGATION:

Fluorescein isothiocyanate; R-Phycoerythrin.

#### HANDLING AND STORAGE:

All forms are supplied as 1.0 mL of liquid. Fluorochromes should be protected from prolonged exposure to light. Reagents will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4, 0.2% gelatin and 0.1% sodium azide. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. All reagents in a liquid state should be stored at 2-8° C when not in use.

#### PRODUCT USE:

For flow cytometry use 10 uL per test; For immuno-histochemistry, purified Anti-VCAM-1 should be diluted, using enough reagent to cover the tissue section or cytoprep.

**RESEARCH APPLICATIONS:**

Flow cytometry and Immunohistology

Inhibition or functional studies (This antibody **inhibits cellular adhesion**).

Development of ELISA

**CAUTION:**

Reagents contain sodium azide, a preservative which may react with lead joints in copper drain lines to form explosive compounds. Even though reagents contain minute quantities of sodium azide, drains should be thoroughly flushed with water when reagents are discarded.

**WARRANTY:**

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

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DIAGNOSTIC USE.**