

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

ANTI-Porcine VCAM-1 (CD106)

APG106	Purified	0.1 mg
APG106F	FITC	100 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. Recognizes both human and Pig VCAM.

CLONE: ANTIGENIX AMERICA clone B1.

Immunoglobulin chain composition: Mouse IgG1

CONJUGATION: Fluorescein isothiocyanate;

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 **10-20 uL per test**; For immunohistochemistry, 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 and Western Blot

Known Species X-Reactivity: Human, Porcine

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.

FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.