

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: clone G11B1.

Immunoglobulin chain composition: Mouse 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 and Western Blot

Known Species X-Reactivity: Porcine

FOR RESEARCH USE ONLY.

