

ANTIGENIX AMERICA Inc
1-800-558-1008
PRODUCT INFORMATION SUMMARY

ANTI-RAT CD49D (VLA-4)

PRODUCT NUMBER MR494420 Purified 0.1 mg

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Mouse monoclonal antibodies specific for Rat CD49D bearing cells, the Alpha chain of VLA-4, 150 kDa MW band. Inhibits cell binding of Rat lymphocytes to VCAM-1 and to CS-1 peptide associated with fibronectin.

CLONE:

Anti-Rat CD49D clone TA2, Ig chain composition: Mouse IgG1
Immunogen: Rat peritoneal lymphocytes

HANDLING AND STORAGE:

All reagents supplied as liquid preparations. Purified antibody 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 (with addition of preservative (0.1 % sodium azide) as suitable for specific application.

For long-term storage, freeze small aliquots (unconjugated form only), undiluted. Avoid repeat freeze-thaw cycles.

PRODUCT USE:

For flow cytometry use 10 uL of purified reagent (1-2 ug) per test ; For immuno-histochemistry, Purified Anti-Rat CD49D should be diluted, (approx. 1:50) using enough reagent to cover the tissue section or cytoprep.

Reactivity in frozen tissue has been observed.

As second antibody, use ANTIGENIX goat anti-Mouse Igs (FITC, or PE or Biotin conjugates (cat. #s F200035, F200070, F200065, respectively).

Selected Reference:

T. Issekutz, A. Wykretowicz, "Effect on new monoclonal antibody that inhibits lymphocyte adherence to cytokine stimulated endothelium in Rat". , **J. Immunology**, 147: 109, (1991).

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