

ANTIGENIX AMERICA inc.

## PRODUCT INFORMATION SUMMARY

### ANTI-Porcine CD49d (VLA-4)

PRODUCT NUMBER

APG495

0.1 mg

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

**Mouse** monoclonal antibodies specific for porcine CD49d, the Alpha chain of VLA-4. This antibody inhibits binding to the VCAM-1 molecule. Found on lymphocytes, monocytes, thymocytes and Langerhans cells.

Immunohistology: reactive in frozen and paraffin -embedded tissue.  
Reactive in Immunoprecipitation, flow cytometry.  
Western Blot Not tested.

**X-reactivity:** reported with Human, Rat, Bovine, Rhesus monkey.

**CLONE:** Anti-Porcine CD49d    Ig chain composition: **Mouse IgG1**; clone HP2/1  
Immunogen: Leukemia cell line JM

#### HANDLING AND STORAGE:

Antibody provided purified using protein G, in PBS with 0.1% sodium azide. 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. **CAUTION:** Contains 0.1% sodium azide.

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

#### PRODUCT USE:

For flow cytometry use 10 uL per test.; For immuno-histochemistry, Purified Anti-Porcine CD49d should be diluted, (approx. 1:15) using enough reagent to cover the tissue section or cytoprep. Optimize all concentrations.

As second antibody, use ANTIGENIX anti-Rat Igs (FITC, or PE or Biotin conjugates (cat. #s MR100035, MR10070, MR10060, respectively).

**REFERENCE:** Van Vliet, S.S., et al; Species X-reactivity of adhesion structure... Leukocyte Typing V (1995); Oxford Univ. Press 1607-1608.

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