

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

ANTI-Porcine CD49f (VLA-6)

PRODUCT NUMBER	APG496	Purif.	0.1 mg
	APG496F	FITC	50 tests
	APG496P	R-PE	50 tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Rat monoclonal antibodies specific for porcine CD49f, the Alpha chain of VLA-6. This antibody is believed to block binding of cells to E8 laminin fragment. In humans, CD49f expressed on platelets and in complex with CD29 on some epithelial cells.

Immunohistology: reactive in frozen tissue (Human tonsil positive control tissue.) Paraffin reactivity not determined.
Reactive in Immunoprecipitation, flow cytometry.
Western Blot Not tested.

Reactivity: reported with Human, Mouse, Canine, Cyno monkey.

CLONE: Anti-Porcine CD49f Ig chain composition: **RAT IgG2a**; clone GoH3
Immunogen: Mouse mammary tumor cells

HANDLING AND STORAGE:

Antibody provided purified using protein G, in PBS with 0.1% sodium azide. Purified antibody should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. 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 - 20 uL per test.; For immuno-histochemistry, Purified Anti-Porcine CD49f should be diluted, (approx. 1:10) 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: Sonnenberg, A., et al (1987) A complex of platelet glycoproteins Ic and IIa... J. Biol. Chem. 262: 10376- 10383.

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

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