

## PRODUCT INFORMATION SUMMARY

### ANTI-CD49F (VLA-Alpha-6)

M496620	Purified	0.1 mg
M496630	FITC	100 tests
M496635	FITC	50 tests
M496670	R-PE	100 tests
M496675	R-PE	50 tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

The human CD49F antigen is the VLA Alpha-6 (Integrin) chain which is associated with the CD29 molecule in the VLA-6/beta 1 complex. CD49F is a 120 kDa molecule with a small doublet subunit of 25-30 kDa. It is expressed on endothelial and epithelial basement membrane. Also found on some monocytes, platelets, T lymphocytes.

**CLONE:** ANTIGENIX AMERICA clone 4F10 Mouse IgG2b

Immunogen: Human colorectal carcinoma. SW/222

**CONJUGATION:** Fluorescein isothiocyanate; R-PE

#### HANDLING AND STORAGE:

All forms are supplied as 1.0 mL of liquid. ( 0.5 mL for 50-test version) 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:

Use **10 uL per test** to stain no more than one million cells.; For immuno-histochemistry, purified Anti-CD49F should be diluted, using enough reagent to cover the tissue section or cytoprep.

**RESEARCH APPLICATIONS:**

- \* Immunoprecipitation of laminin receptor
- \* Cell Adhesion studies of CD29/CD49 heterodimers
- \* Flow cytometry and FACS analysis
- \* Immunohistology of frozen tissue

**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.

**WARRANTY:**

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

**ANTIGENIX AMERICA Inc.  
P.O. Box 2666  
Huntington Sta., NY 11746**

W E B S I T E : W W W . A N T I G E N I X . C O M

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