

# ANTIGENIX AMERICA, INC.

## PRODUCT INFORMATION SUMMARY

### ANTI-CD41a (Integrin)

MA410020	Purified	0.1	mg
MA410030	FITC	100	tests
MA410070	Phycoerythrin	100	tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

The human CD41a antigen is the Alpha Integrin chain gpIIb/IIIa complex on platelets. This antibody binds only to intact complex gpIIb. It is also found on megakaryocytes and monocytes. Acute megakaryoblastic leukemia cells are positive for CD41a.

**CLONE:** ANTIGENIX AMERICA clone PM6  
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. Small aliquots of purified (unconjugated only) reagent may be frozen, undiluted, at -20°C. Avoid freeze-thaw cycles.

#### PRODUCT USE:

Use **10-20 uL per test** to stain no more than one million cells.;  
For immuno-histochemistry, purified Anti-CD41a should be diluted, using enough reagent to cover the tissue section or cytoprep.

**X-Reactivity:** Observed to react with Baboon and Mink cells.

**RESEARCH APPLICATIONS:**

- \* Studies of Alpha Integrin chain
- \* Flow cytometric analysis of CD41a bearing cells.
- \* Immunocytochemistry (frozen tissue), leukemia phenotyping
- \* Studies of Glanzmann's thrombasthenia

**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.

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

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

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