

## PRODUCT INFORMATION SUMMARY

### ANTI-CD42b

MA420020	Purified	0.1	mg
MA420030	FITC	100	tests
MA420070	Phycoerythrin	100	tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

The human CD42b antigen is receptor for von Willebrand factor and a high affinity thrombin receptor. The CD42b antigen is a platelet glycoprotein gpIb. This antibody binds to both fixed or unfixed platelets and absent or expressed at very low levels on platelets of patients with Bernard-Soulier syndrome.

**CLONE:** ANTIGENIX AMERICA clone MM2  
Immunoglobulin chain composition: Mouse IgG1  
Immunogen: Human plasma membrane

#### 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 uL per test** to stain no more than one million cells.; For immuno-histochemistry (frozen sections and paraffin staining observed) , purified Anti-CD42b should be diluted, using enough reagent to cover the tissue section or cytoprep.

**RESEARCH APPLICATIONS:**

- \* Studies of platelet gpIb
- \* Studies of von Willebrand factor
- \* Immunocytochemistry (frozen and paraffin tissue),
- \* Western blot

**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 Station, NY 11746**

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