



#MA 580020

MA 580030

MA 580070

MA 580035

MA 580075

## PRODUCT INFORMATION SUMMARY

### ANTI-CD58 (LFA-3)

MA580020	Purified	0.1 mg
MA580030	FITC	100 tests
MA580070	Phycoerythrin	100 tests
MA580035	FITC	50 tests
MA580075	Phycoerythrin	50 tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

The human CD58 antigen is a cell adhesion molecule of the Super Ig family, and is involved in antigen recognition via CD2 molecule. Also known as LFA-3, it is a membrane glycoprotein of 55-70 KDa and is found on platelets, erythrocytes, monocytes, bone marrow cells, and subset of endothelial, epithelial cells.

**CLONE:** ANTIGENIX AMERICA clone BRIC-5  
Immunoglobulin chain composition: Mouse IgG2a

#### CONJUGATION:

Fluorescein isothiocyanate; R-Phycoerythrin,

#### HANDLING AND STORAGE:

All forms are supplied as 1.0 mL of liquid ( 0.5 mL for 50-test versions). 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  $\mu$ L per test to stain no more than one million cells.;  
For immuno-histochemistry, purified Anti-CD58 should be diluted,  
using enough reagent to cover the tissue section or cytoprep.

**RESEARCH APPLICATIONS:**

- \* Studies of Hemoglobinuria and cellular adhesion

**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.

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DIAGNOSTIC USE.**