

PRODUCT INFORMATION SUMMARY

ANTI-ICAM-1 (CD54)

MA150020	Purified	0.1	mg
MA150030	FITC	100	Tests
MA150070	Phycoerythrin	100	Tests
MA150035	FITC	50	Tests
MA150075	Phycoerythrin	50	Tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

The CD54 antigen is a 90 kDa integral membrane glycoprotein and the principal ligand of LFA-I. Also designated InterCellular Adhesion Molecule (ICAM-1), it is expressed on lymphokine activated lymphocytes, fibroblasts and endothelial cells.

CLONE:

ANTIGENIX AMERICA clone 15.2

Immunoglobulin chain composition: 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.

PRODUCT USE:

Use **10 uL per test** to stain no more than one million cells.; For immuno-histochemistry, purified Anti-ICAM-1 should be diluted, using enough reagent to cover the tissue section or cytoprep.

RESEARCH APPLICATIONS:

Immunohistology

Studies of cell adhesion involving LFA-I (CD11/CD18 complex).

Studies of cellular interactions in the vacuature.

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.