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 # MA 110030
 # MA 110070



PRODUCT INFORMATION SUMMARY

Anti-CD11a (LFA-1)

Purified Antibody	Product Number	MA110020	(0.1 mg)
FITC Conjugate	Product Number	MA110030	100 Tests
R-PE Conjugate	Product Number	MA110070	100 Tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

The CD11a antigen is an integrin heterodimer of 180 kDa molecular weight. It comprises the alpha chain of the Leucocyte Function-associated Antigen (LFA-1). The CD11a antigen is expressed on the majority of leucocytes (>90%). This antigen is involved in adhesion of lymphoid cells to vascular endothelium in association with its ligand ICAM-1.

CLONE:

ANTIGENIX AMERICA clone 38, purified from murine ascites fluid.

Immunoglobulin chain composition: IgG2a, kappa light chains.

CONJUGATION:

Fluorescein isothiocyanate; R-Phycoerythrin.

HANDLING AND STORAGE:

All reagents 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. For flow cytometry use 10 uL per test to stain no more than one million cells. 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 dark, at 2-8° C when not in use.

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RESEARCH APPLICATIONS:

Identification of CD11a antigen on leucocytes using flow cytometry or immunohistochemical staining.

Studies of LFA-1 immune deficiency.

Studies of ICAM binding and cell 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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