

PRODUCT INFORMATION SUMMARY

Anti-CD11c

Purified Antibody	Product Number	MA112220	(0.1 mg)
FITC Conjugate	Product Number	MA112230	100 Tests
R-PE Conjugate	Product Number	MA112270	100 Tests
FITC Conjugate	Product Number	MA112235	50 Tests
R-PE Conjugate	Product Number	MA112275	50 Tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

The CD11c antigen is the alpha chain of the integrin heterodimer of p150/95 kDa molecular weight. The CD11c antigen is expressed on the majority of monocytes (>98%), granulocytes, and NK cells. This antigen is found on majority of hairy cell leukemias and is expressed weakly on T cell and B cell subsets (1%).

CLONE:

ANTIGENIX AMERICA clone 39, purified from murine ascites fluid.

Immunoglobulin chain composition: MOUSE IgG1, kappa light chains.

CONJUGATION:

Fluorescein isothiocyanate; R-Phycoerythrin.

HANDLING AND STORAGE:

All reagents are supplied as 1.0 mL of liquid, (0.5 mL for **50-test** version). 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.

RESEARCH APPLICATIONS:

Identification of CD11c antigen on monocytes, granulocytes and other cell types using flow cytometry or immunohistochemical staining.

Studies of LFA-1 immune deficiency.

Studies of Leukemias and Lymphomas.

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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