

PRODUCT INFORMATION SUMMARY

Anti-CD11b (C3b Receptor)

Purified Antibody	Product Number	MA111120	(0.1 mg)
FITC Conjugate	Product Number	MA111130	100 Tests
R-PE Conjugate	Product Number	MA111170	100 Tests
FITC	Product Number	MA111135	50 tests
R-PE	Product Number	MA111175	50 tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

The CD11b antigen is an integrin heterodimer of 165 kDa molecular weight. It comprises the CR3 receptor for complement component C3i. The CD11b antigen is expressed on the majority of monocytes and granulocytes and is up-regulated on activated granulocytes. Dendritic reticulum cells are also stained in lymphoid tissue sections. Lack of CR3 expression has been associated with immune deficiency.

CLONE:

ANTIGENIX AMERICA clone 44 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 CD11b antigen on monocytes and granulocytes using flow cytometry or immunohistochemical staining.

Studies of immune deficiency.

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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