

**ANTIGENIX AMERICA Inc**  
**1-800-558-1008**  
**PRODUCT INFORMATION SUMMARY**

**ANTI-MOUSE CD11b**

Purified Antibody	Product Number	RA111120	0.2 mg
Fluorescein Conjugate	Product Number	RA111130	100 tests
Phycoerythrin Conjugate	Product No.	RA111170	100 tests
Fluorescein Conjugate	Product Number	RA111135	50 tests
Phycoerythrin Conjugate	Product No.	RA111175	50 Tests

**ANTIGEN DISTRIBUTION AND SPECIFICITY:**

The CD11b or MAC-1 is a differentiation antigen found predominantly on mononuclear phagocytes and granulocytes. Expression of MAC-1 increases during monocyte maturation. It is generally absent from lymphoid and erythroid cells. Staining of **paraffin-embedded** tissue has been observed with special pre-treatment of tissue, ie., unmasking, etc.

**CLONE:**

Rat monoclonal antibody clone MI/70, from DA Rat immunized with B10 mouse spleen cells enriched for T cells.

Immunoglobulin chain composition: RAT IgG2b, Kappa.

**CONJUGATION:**

Fluorescein isothiocyanate; R-Phycoerythrin.

**HANDLING AND STORAGE:**

All forms of this monoclonal antibody are supplied as 1.0 mL of ready to use liquid (0.5 mL for 50-test package). Fluorochrome conjugates should be protected from prolonged exposure to light. These reagents are in a medium containing 0.01M phosphate-buffered saline, 0.2% gelatin and 0.1% sodium azide. All reagents in a liquid state should be stored at 2-8° C when not in use.

**PRODUCT USE:**

For flow cytometry **use 10uL per test**. For immunohistochemistry, use enough diluted reagent to cover the tissue section or cytoprep. Working dilution should be optimized, suggested range is 1:20- 1:80.

**RESEARCH APPLICATIONS:**

Identification of CD11b bearing murine cells by flow cytometry and other immunochemical techniques. Studies of cell adhesion and myelopoiesis in murine model.

**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 product label description.

**FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.**