

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

**ANTI-RAT CD11b**

PRODUCT NUMBER MR111120	Purified	0.25 mg
PRODUCT NUMBER MR111130	FITC	50 Tests
PRODUCT NUMBER MR111170	Phycoerythrin	50 Tests

**ANTIGEN DISTRIBUTION AND SPECIFICITY:**

Mouse monoclonal antibodies specific for RAT CD11b, reacts with most macrophages including activated and resident peritoneal macrophages, kupffer cells, but only 35% of alveolar macrophages. This antibody also reacts with dendritic cells, granulocytes, and cells with morphology of microglia in brain. Immunoprecipitation reveals three polypeptides of 160, 103, and 95 kDa molecular weight. This monoclonal inhibits complement mediated rosettes. **Reactivity with paraffin embedded tissue** has been achieved.

**CLONE:**

Anti-CD11b clone X42  
Ig chain composition: Mouse IgG2a  
Immunogen: Rat peritoneal macrophages

**HANDLING AND STORAGE:**

All reagents supplied as liquid preparations. Purified antibody 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. CAUTION: Contains 0.1% sodium azide.  
For long-term storage, freeze small aliquots (unconjugated form only), undiluted. Avoid repeat freeze-thaw cycles.

**PRODUCT USE:**

For flow cytometry use 10 uL of conjugate or purified reagent (1-2 ug) per test ; For immuno-histochemistry, Purified Anti-Rat CD11b should be diluted, (approx. 1:80) using enough reagent to cover the tissue section or cytoprep. **Reactivity in frozen and paraffin-embedded tissue** has been achieved (Use PLP fixation for paraffin staining). (Periodate-Lysine-Paraformaldehyde)  
As second antibody, use ANTIGENIX goat anti-Mouse Igs (FITC, or PE or Biotin conjugates (cat. #s F200035, F200070, F200065, respectively).

**Immunoprecipitation has been achieved.**

Western Blot, ELISA Not tested.

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