

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

**ANTI-RAT CD4**

PRODUCT NUMBER MR420420	Purified	0.25 mg
PRODUCT NUMBER MR420430	FITC	50 Tests

**ANTIGEN DISTRIBUTION AND SPECIFICITY:**

Mouse monoclonal antibodies specific for RAT CD4 (homologue) bearing lymphocytes, Rat T cell helper subset, Thymocytes (90%) and macrophages. Reactivity with a 56 kDa antigen. Addition of this monoclonal antibody to MLR (mixed lymphocyte reaction) inhibits proliferation and blocks IL-2 production.

**CLONE:**

Anti-CD4 clone W3, Ig chain composition: Mouse IgG1

**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 direct conjugate, or purified reagent (1:50) per test; For immunohistochemistry, Purified Anti-Rat CD4 should be diluted, (approx. 1:100) using enough reagent to cover the tissue section or cytoprep. **Reactivity in both frozen and paraffin-embedded tissue** has been observed. (Use PLP fixation (Periodate-Lysine-Paraformaldehyde) for paraffin studies. As second antibody, use ANTIGENIX goat anti-Mouse Igs (FITC, or PE or Biotin conjugates (cat. #s F200035, F200070, F200065, respectively).

**Western blot** and immunoprecipitation Not Tested.

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