

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

**ANTI-RAT CD8**

PRODUCT NUMBER MR820820	Purified	0.25 mg
PRODUCT NUMBER MR820830	FITC	50 Tests
PRODUCT NUMBER MR820870	Phycoerythrin	50 Tests

**ANTIGEN DISTRIBUTION AND SPECIFICITY:**

Mouse monoclonal antibodies specific for RAT (Ly-2) CD8 (homologue) bearing lymphocytes, Rat T cell cytotoxic/suppressor subset, Thymocytes (90%) and majority of NK cells. Reactivity with a 34, 39, 76 kDa antigen complex.

**CLONE:**

Anti-CD8 clone X8, 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. DO NOT FREEZE CONJUGATES.

**PRODUCT USE:**

For flow cytometry use 10 uL of direct conjugate , or purified reagent (1:50) per test ; For immunohistochemistry, Purified Anti-Rat CD8 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. 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.**