

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

**ANTI-RAT CD5**

PRODUCT NUMBER MR505020	Purified	0.25 mg
PRODUCT NUMBER MR505030	FITC	50 Tests
PRODUCT NUMBER MR505070	Phycoerythrin	50 Tests

**ANTIGEN DISTRIBUTION AND SPECIFICITY:**

Mouse monoclonal antibodies specific for RAT CD5 (homologue) bearing lymphocytes, a pan T cell antigen. Reactivity with a 69 kDa antigen found on Rat peripheral T cells and thymocytes, but NOT on Rat B cells or macrophages. Reactivity in **paraffin-embedded tissue** has been observed.

**CLONE:** Anti-CD5 clone X19, 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 0.02% 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 diluted, purified reagent (optimize) per test ; For immunohistochemistry, Purified Anti-Rat CD5 should be diluted, using enough reagent to cover the tissue section or cytoprep.

As second antibody, use ANTIGENIX goat anti-Mouse Igs (FITC, or PE or Biotin conjugates (cat. #s F200035, F200070, F200065, respectively).

Use in immunohistochemistry (frozen and **paraffin** sections) and flow cytometry have been achieved.

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