

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

**ANTI-RAT CD3**

PRODUCT NUMBER MR320320	Purified	0.1 mg
PRODUCT NUMBER MR320330	FITC	50 tests

**ANTIGEN DISTRIBUTION AND SPECIFICITY:**

Mouse monoclonal antibodies specific for RAT CD3 bearing lymphocytes, mature Rat T cells. Reactivity with a 26kDa antigen found on Rat T cells, but NOT on Rat B cells. The Medulla of Rat thymus tissue is stained in immunohistology (frozen tissue). This monoclonal antibody is activating and will stimulate proliferation of CD3 bearing Rat cells in presence of PMA.

**CLONE:**

Anti-CD3 clone F4, Ig chain composition: Mouse IgM

**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, undiluted. Avoid repeat freeze-thaw cycles.

**PRODUCT USE:**

For flow cytometry use 10 uL of direct conjugate or diluted, purified reagent (1:10) per test ; For immunohistochemistry, Purified Anti-Rat T3 should be diluted, (approx. 1:50) using enough reagent to cover the tissue section or cytoprep.

**Reactivity in paraffin-embedded tissue** \* has been observed.

\* Paraffin staining requires pre-treatment of tissue, ie., use of unmasking fluid - see reference below.

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.

Reference: McKecknie, N.M., et al, (1997), J. Infectious Disease V176: 1334-1343.

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