

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.