



AAI # MR320320

# HI 520 831

## PRODUCT INFORMATION SUMMARY

### ANTI-RAT CD3

Anti-CD3	PRODUCT NUMBER	MR320320	Purified	0.20 mg (0.2 mL)
	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 (200-tests per vial); For immuno-histochemistry, Purified Anti-Rat T3 should be diluted, (approx. 1:100) 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 sections) and immunoprecipitation has been achieved.

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