

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

**ANTI-RAT CD45**

PRODUCT NUMBER MR450420	Purified	0.25 mg
PRODUCT NUMBER MR450430	FITC	50 Tests
PRODUCT NUMBER MR450470	Phycoerythrin	50 Tests
PRODUCT NUMBER MR450420-XZ	AZIDE FREE	0.50 mg

**ANTIGEN DISTRIBUTION AND SPECIFICITY:**

Mouse monoclonal antibodies specific for RAT CD45 (homologue) bearing lymphocytes, the Rat Leukocyte Common Antigen. Reactivity with a 170 kDa heavily glycosylated, monomorphic membrane antigen (170 - 220 kDa on other leukocytes).

**CLONE:**

Anti-CD45 clone OX1, Ig chain composition: Mouse IgG1  
Immunogen: Rat thymocyte membrane

**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.

NOTE: **AZIDE-FREE** preparation, small aliquots **must** be frozen for long-term storage. Use sterile water/PBS to dilute reagent, where available.

**PRODUCT USE:**

For flow cytometry use 10 uL of direct conjugate, or purified reagent (1-2 ug) per test; For immunohistochemistry, Purified Anti-Rat CD45 should be diluted, (approx. 1:100) using enough reagent to cover the tissue section or cytoprep. **Reactivity in frozen tissue** has been observed. Paraffin tissue staining Not Tested.

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.**