

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

**ANTI-RAT CD45RA**

PRODUCT NUMBER MR451120	Purified	0.5 mg
PRODUCT NUMBER MR451130	FITC	50 Tests
PRODUCT NUMBER MR451170	Phycoerythrin	50 Tests

**ANTIGEN DISTRIBUTION AND SPECIFICITY:**

Mouse monoclonal antibodies specific for RAT CD45RA bearing lymphocytes, the Rat Leukocyte Common Antigen high MW band. Rat B cells only are labelled in thoracic duct, with little staining in bone marrow.

**CLONE:**

Anti-CD45RA clone X33, Ig chain composition: Mouse IgG1  
Immunogen: Rat spleen LCA (purified).

**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.

**PRODUCT USE:**

For flow cytometry use 10 uL of direct conjugate, or purified reagent (1-2 ug) per test; For immuno-histochemistry, Purified Anti-Rat CD45RA should be diluted, (approx. 1:100) using enough reagent to cover the tissue section or cytoprep. **Reactivity in paraffin-embedded tissue** has been observed.

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.**