

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

**ANTI-MOUSE CD127 (IL-7R alpha)**

Purified Antibody	Product Number	RM127020	0.25 mg
Phycoerythrin	Product No.	RM127075	50 tests

**ANTIGEN DISTRIBUTION AND SPECIFICITY:**

The MOUSE CD127 or IL-7 receptor alpha subunit. This antibody **inhibits binding** of IL-7 to its receptor. The CD127 antigen is expressed on immature bone marrow B cells, and in low density on mature T cells. Also expressed on thymocytes that are : ( CD4-,CD8-), ( CD4+, CD8-), (CD4-, CD8+), but NOT expressed on (CD4+, CD8+).

**CLONE:**

Rat monoclonal antibody clone A7R, Rat IgG2a

**CONJUGATION** : R-PE

**HANDLING AND STORAGE:**

All forms of this monoclonal antibody are supplied as ready to use liquid. Fluorochrome conjugates should be protected from prolonged exposure to light. These reagents are in a medium containing 0.01M phosphate-buffered saline, 0.2% gelatin and 0.1% sodium azide. All reagents in a liquid state should be stored at 2-8° C when not in use.

**PRODUCT USE:**

For flow cytometry **use 10uL per test**. For immunohistochemistry, use enough diluted reagent to cover the tissue section or cytoprep. Working dilution should be optimized, suggested range is 1:20- 1:80.

**RESEARCH APPLICATIONS:**

Identification of mouse CD127 bearing cells by flow cytometry.  
Not tested in paraffin-embedded tissue.  
Studies of IL-7 receptor function.  
Immunoprecipitation.

**CAUTION:**

Reagents contain sodium azide, a preservative which may react with lead joints in copper drain lines to form explosive compounds. Even though reagents contain minute quantities of sodium azide, drains should be thoroughly flushed with water when reagents are discarded.

**WARRANTY:**

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

**FOR RESEARCH USE ONLY.**