

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

ANTI-MOUSE CD117 (c-Kit)

Purified Antibody	Product Number	RM117020	0.25 mg
Phycoerythrin	Product Number	RM117075	50 tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

The MOUSE CD117 or c-Kit receptor, stem cell factor receptor antigen is a cell surface marker present on most hematopoietic progenitor cells. Well characterized in mouse bone marrow as Thy1 positive subsets. This antibody will block the c-Kit receptor.

CLONE:

Rat monoclonal antibody clone ACK2, Rat IgG2b

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 CD117 bearing cells by flow cytometry.
Not tested in paraffin-embedded tissue.
Studies of mast cells and stem cells in murine model.

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.