

## PRODUCT INFORMATION SUMMARY

### ANTI-CD117 (C-Kit)

M117020	Purified	0.1 mg
M117030	FITC	50 Tests
M117070	Phycoerythrin	50 Tests

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

The human CD117 antigen is a protein expressed on most CD34+ cells ( 75%) and approximately 8% of myelomonocytic cells. The CD117 antigen is also described as the SCF receptor. This antibody does not block binding of c-kit ligand.

#### CLONE:

ANTIGENIX AMERICA clone Nu-ckit, derived from immunogen: human leukemic cell line UT-7 transfected with CD117 cDNA.

Immunoglobulin chain composition: Mouse IgG1

CONJUGATION: FITC, R-PE

#### HANDLING AND STORAGE:

All forms are supplied as liquid. Fluorochromes should be protected from prolonged exposure to light. Reagents will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4, 0.2% gelatin and 0.1% sodium azide. These preparations 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.

#### PRODUCT USE:

Use **10 uL per test** to stain no more than one million cells.;

Dilute purified anti-CD117 for optimized concentration.

#### RESEARCH APPLICATIONS:

- \* Studies of differentiation of haematopoeitic cells.
- \* Flow cytometric analysis of CD117 bearing cells.

**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 description on the label of the product.

**ANTIGENIX AMERICA Inc.  
P.O. Box 2666  
Huntington Sta., NY 11746**

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DIAGNOSTIC USE.**