



AAA M117020  
" 7030  
" 7070

## PRODUCT INFORMATION SUMMARY

### ANTI-CD117 (C-Kit)

M117020	Purified	0.1 mg
M117030	FITC	100 Tests
M117070	Phycoerythrin	100 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 haematopoietic cells.
- \* Flow cytometric analysis of CD117 bearing cells.