PRODUCT INFORMATION SUMMARY

ANTI-CD13

M131320	Purified	0.1 mg
M131335	FITC	50 tests
M131375	R-PE	50 tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

The human CD13 antigen, a type III glycoprotein, with extracellular domain containing aninopeptidase-N catalytic unit, which is a zinc-binding metalloprotease. CD13 antigen is found on many non-hematopoietic tissues, monocytes, and weakly on granulocytes. Present on a small portion of normal bone marrow cells. Molecular weight of 150 kDa.

CLONE: ANTIGENIX AMERICA clone WM15
Immunoglobulin chain composition: Mouse IgG1

CONJUGATION: Fluorescein isothiocyanate; R-PE

HANDLING AND STORAGE:

All forms are supplied as 1.0 mL of liquid (0.5 mL for 50-test versions). Fluorochromes should be protected from prolonged exposure to light. Reagents will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4, 1% BSA 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. Small aliquots of purified (uncongugated only) reagent may be frozen, undiluted, at -20°C. Avoid freeze-thaw cycles.

PRODUCT USE:

Use **10 uL per test** to stain no more than one million cells.; For immuno-histochemistry, purified Anti-CD13 should be diluted, using enough reagent to cover the tissue section or cytoprep.

* Depletion of plasma aminopeptidase-N activity
* Studies of leukemias, and serum alanine aminopeptidase in liver disease(an isoform of CD13)

SPECIES X-Reactivity: Reactivity in Rat model has been observed.

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. **RESEARCH USE ONLY.**