PRODUCT INFORMATION SUMMARY

ANTI-CD98

M980020	Purified	0.1	mg

ANTIGEN DISTRIBUTION AND SPECIFICITY:

The human CD98 antigen is a heterodimeric cell surface glcoprotein with molecular weight of 125 kDa, existing as 85 kDa heavy chain and 40kDa light chain, and was originally identified as the 4F2 protein. The CD98 antigen is found on both hematopoietic and non-hematopoietic cells and is a marker for activated T lymphocytes.

CLONE: ANTIGENIX AMERICA clone JS5
Workshop typed (V, Oxford Univ. Press (1995))
Immunoglobulin chain composition: Mouse IgG1

CONJUGATION:

In development;

HANDLING AND STORAGE:

All forms are supplied as 1.0 mL of 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-CD98 for immunohistochemistry, or immunoprecipiatation.

RESEARCH APPLICATIONS:

* Studies of activated T lymphocytes.

* Flow cytometric analysis of CD98 bearing cells.

* Immunoprecipitation

Western Blot - Not tested

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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