

PRODUCT INFORMATION SUMMARY

ANTI-CD23

(Paraffin Reactive)

M230022

Purified

0.1 mg

ANTIGEN DISTRIBUTION AND SPECIFICITY:

The human CD23 antigen is a B cell differentiation antigen which acts as a low affinity IgE receptor (F_cER_2). It is found on follicular mantle B cells, but very occasionally in the germinal centers or splenic marginal zones. This anti-CD23 antibody gives a characteristic binding pattern with follicular dendritic cells, and does not stain plasma cells or B cell progenitors. Expression of CD23 is increased on active B cells. The CD23 antigen with molecular weight of 45-50 kDa, is a transmembrane-glycoprotein. Reactivity in both frozen and paraffin-embedded tissue has been observed.

CLONE: ANTIGENIX AMERICA clone BU38
Immunoglobulin chain composition: Mouse IgG1

HANDLING AND STORAGE:

All forms are supplied as 1.0 mL of liquid. Reagents will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4, with 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 (unconjugated only) reagent may be frozen, undiluted, at -20°C. Avoid freeze-thaw cycles.

PRODUCT USE:

For immuno-histochemistry, purified Anti-CD23 should be diluted (optimize), using enough reagent to cover the tissue section or cytoprep.

RESEARCH APPLICATIONS:

- * Studies of B cell leukemias and B cell differentiation.
- * FACS analysis of CD23 bearing cells.
- * Immunocytochemistry (frozen and **paraffin-embedded** tissue)
- * Immunoprecipitation

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.

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**FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR
DIAGNOSTIC USE.**