

ANTIGENIX AMERICA inc.

PRODUCT INFORMATION SUMMARY

ANTI-Mouse CD40

RM400020	Purified	0.1 mg
RM400035	FITC	50 tests
RM400075	R-PE	50 tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

The Mouse CD40 antigen, found on all mature B lymphocytes but absent on plasma cells. CD40 antigen may be a receptor for a soluble ligand that promotes B cell proliferation. **Reactive in frozen cryostat tissue sections.** (Paraffin staining not determined).

CLONE: ANTIGENIX AMERICA clone 323
Immunoglobulin chain composition: **Rat** IgG2a

CONJUGATION: Fluorescein isothiocyanate; R-PE

HANDLING AND STORAGE:

Supplied as liquid preparation, approx. 100 tests per mL. Fluorochromes should be protected from prolonged exposure to light. 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:

Use **10-20 uL per test** to stain no more than one million cells.;

For immuno-histochemistry, purified Anti-Mouse CD40 should be diluted 1:50 - 1:200 (optimize), using enough reagent to cover the tissue section or cytoprep.

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