

DNA Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 12403 and 12404.

Size: 1 ml ascites or 1 mg purified antibody in PBS, pH 7.4

SPECIFICATION SUMMARY

Antigen: Calf thymus DNA.

Host Species: Mouse

Antibody Class: 12403 = IgM;
12404 = IgG2b

Stabilizers: None

Preservatives: 12403: 0.1% sodium azide. 12404: none.

ACTIVITY

	Ig mg/ml*	ELISA Titer**
12403	9.4	1: 51,200
12404	5.6	1: 12,800

* Determined by radial immunodiffusion for several lots of ascites.

**ELISA is an indirect assay against calf thymus DNA on the solid phase. Titers represent endpoint dilutions of ascites that achieve absorbance values > 0.1.

SPECIFICITY

These antibodies specifically recognize single- or double-stranded eucaryotic DNA.

APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate eucaryotic DNA. Not all applications have been investigated.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

#12403 is stable for at least one (1) year at 4°C. DO NOT FREEZE.

#12404 is stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

For in vitro investigational use only.

Not for use in therapeutic or diagnostic procedures.