

DNA Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype	Size	Library Pack No.	100ug/clone
12403	ET844.2	IgM	100ug, 500ug	124101	2 clones
12404	ET844.3.1	IgM	100ug, 500ug		

Format: PEG-purified antibody in PBS, pH 7.4, 0.1% sodium azide.

SPECIFICATION SUMMARY

Antigen: Calf thymus DNA.

Host Species: Mouse

Specificity: These antibodies recognize single- or double-stranded eucaryotic DNA as well as *E. coli* DNA. Reactivity with other prokaryotic DNA has not been investigated.

ELISA O.D.				
	#12403	#12404	#12403	#12404
ug/ml DNA	Human DNA	Human DNA	<i>E. coli</i> DNA	<i>E. coli</i> DNA
1.0	3.182	2.200	3.361	2.205
0.5	2.957	1.808	2.988	1.963
0.25	2.202	1.135	1.687	0.851
0.125	1.486	0.812	1.061	0.575
0.060	0.999	0.506	0.700	0.397
0.030	0.613	0.371	0.474	0.243
0.016	0.377	0.205	0.336	0.180
0.008	0.187	0.113	0.192	0.127

#12403 and #12404 used at 1ug/ml. DNA samples incubated at 96°C for 5 min. then on ice for 10 min. prior to coating ELISA plates.

APPLICATIONS

These antibodies have been qualified for use in ELISA to detect eucaryotic and *E. coli* DNA.

DILUTION INSTRUCTIONS

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

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at 4°C. DO NOT FREEZE.

PRODUCT REFERENCE

Abe M. et al 2011 PLoS One 6: e23848 (used #12404 at 1:200 in immunofluorescence).

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.