

Monoclonal Anti-Barbiturates

Specification Sheet

Catalog #:	MB011
Lot #:	1464
Description:	Mab to barbiturates
Specificity:	Phenobarbital 100% Amobarbital 501.00% Butalbital 425.00% Hexobarbital 156.3% Secobarbital 265.38%
Clone:	4D5C7
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
Isotype:	IgG1, kappa light chain
Source:	Mouse ascites
Immunogen:	Phenobarbital-KLH
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	5.17 mg/ml (OD280 nm, E ^{0.1%} = 1.40)
Affinity Constant:	Not determined
Buffer:	0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN ₃ pH7.2
Pairing Assays:	Not determined
Application:	For barbiturate quantitative assays by EIA
Purity:	>95% by HPLC and SDS-PAGE
Storage:	2-8° C for 2 year. Long-term store at -20° C

For research use only