

Monoclonal Anti-Barbiturates

Specification Sheet

Catalog #:	MB011
Lot #:	1208
Description:	Monoclonal Antibody to Barbiturates
Specificity:	Phenobarbital 100% Amobarbital 501.00% Butalbital 425.00% Hexobarbital 156.30% Secobarbital 265.38%
Clone:	4D5C7
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
Isotype:	IgG1
Source:	Mouse ascites
Immunogen:	Phenobarbital-KLH
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	6.08 mg/mL (OD280 nm, E ^{0.1%} = 1.40)
Affinity Constant:	Not determined
Buffer:	0.015M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN ₃ pH=7.2
Pairing Assays:	N/A
Purity:	>95% by HPLC and SDS-PAGE
Application:	Barbiturate quantitative assays by EIA
Storage:	2-8° C for 1 year. Store at -20° C for long term.

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