

Monoclonal Anti-Buprenorphine

Specification Sheet

Catalog #:	MB041
Lot #:	D3610
Description:	Mab to buprenorphine
Specificity:	This antibody reacts with buprenorphine
Clone:	2C42B10
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:	Buprenorphine-BSA
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	7.0 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 buprenorphine 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