

Monoclonal Anti-Morphine

Specification Sheet

Catalog #:	MM041
Lot #:	1263
Description:	Mab to morphine
Specificity:	This antibody reacts with morphine
Clone:	2F31C3
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:	Morphine-BSA
Format:	Purified, liquid
Purification:	Protein G chromatography
Concentration:	2.72 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 morphine quantitative assays by EIA
Purity:	>95% by HPLC and SDS-PAGE
Storage:	2-8° C for 2 year. Long-term store at -20 ⁰ C

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