

Anti-Morphine Monoclonal Antibody

Specification Sheet

Catalog #:	MM021
Lot #:	D3136
Description:	Monoclonal Antibody to Morphine
Specificity:	This antibody reacts with morphine.
Clone:	1H11E9
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:	DEAE chromatography
Concentration:	1.98 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:	Morphine quantitative assays by EIA
Storage:	2-8° C for 1 year; -20° C for long term

For research use only