

Monoclonal Anti-methamphetamine

Specification Sheet

Catalog #:	MM063
Lot #:	D4277
Description:	Mab to methamphetamine
Specificity:	Methamphetamine 100% 1S, 2R (+) – ephedrine HCl 0.01% 1R, 2S (-) – ephedrine HCl < 0.5% S, S (+) – Pseudoephedrine 0.1% R, R (+) – Pseudoephedrine 0.01%
Clone:	2C121E11
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
Isotype:	IgG1
Source:	Mouse ascites
Immunogen:	Methamphetamine-BSA
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	3.92 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:	N/A
Purity:	>95% by HPLC and SDS-PAGE
Application:	For methamphetamine quantitative assays by EIA
Storage:	2-8° C for 1 year. Long-term store at -20° C

For research use only