

Monoclonal Anti-Tricyclic antidepressants (TCA)

Specification Sheet

Catalog #:	MT031
Lot #:	D3968
Description:	Mab to TCA
Specificity:	Amitriptyline 100% Imipramine 140% Desipramine 120% Nortriptyline 90%
Clone:	1C51D6
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:	TCA--BSA conjugate
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	5.04 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 TCA 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