PRODUCT SPECIFICATION

catalog number: A24140

product description: TCA Monoclonal Antibody, Purified

lot number: [lot specific]

immunogen: TCA-BSA

source: Murine ascites

form: Liquid

purification method: DEAE chromatography

purity: >95% by SDS-PAGE and HPLC

buffer: 0.015M potassium phosphate buffer, 0.85% NaCl, pH 7.2

preservative: 0.05% NaN₃

isotype: IgG₁, kappa

concentration: [lot specific] mg/mL (based on A₁%_{280nm} = 14.0)

specificity: This antibody is specific for tricyclic antidepressants (TCA)

cross-reactivity:
  ▪ Amitriptyline  100%  ▪ Imipramine  1300%
  ▪ Desipramine  100%  ▪ Nortriptyline  90%

storage: 2-8°C short term (2 years); -20°C long term avoiding multiple freeze thaw cycles.

hazard/biohazard: This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product.