



Mouse Anti-TCA Monoclonal antibody, clone 8QE87 (CABT-RM263)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Tricyclic Antidepressants, 100%: Nortriptyline, Nardoxepin, Trimipramine, Amitriptyline, Promazine, Desipramine. 90%: Maproline. 80%: Doxepin.
Target	TCA
Immunogen	Desipramine-BSA
Isotype	IgG1, kappa
Source/Host	Mouse
Species Reactivity	N/A
Clone	8QE87
Purification	>95% by SDS-PAGE and HPLC
Conjugate	unconjugated
Applications	ELISA, LFIA
Format	Liquid
Size	1 mg
Buffer	0.015M Potassium Phosphate, pH 7.2 with 0.85% Sodium Chloride
Preservative	0.05% Sodium Azide
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

BACKGROUND

Introduction

Tricyclic antidepressants (TCAs) are heterocyclic chemical compounds used primarily as antidepressants. The TCAs were first discovered in the early 1950s and were subsequently introduced later in the decade; They are named after their chemical structure, which contains three rings of atoms. The tetracyclic antidepressants (TeCAs), which contain four rings of atoms, are a closely related group of antidepressant compounds.

Keywords

Chloralvan; Cohidrate; Dormal; Escre; HS; Hydral; Hydrate de chloral; Hydratedechloral; Hynos; Kessodrate; Kloralhydrat; Knockoutdrops; Lorinal; Lycoral; Tricyclic Antidepressant; TCA; TCAs