



Mouse Anti-Hyoscyamine Monoclonal Antibody, clone HSM (CABT-Z553M)

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

PRODUCT INFORMATION

Immunogen	Hyoscyamine-KLH
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	HSM
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS
Preservative	None
Storage	Store at -20°C long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction

Hyoscyamine (also known as daturine or duboisine) is a naturally occurring tropane alkaloid and plant toxin. It is a secondary metabolite found in certain plants of the family Solanaceae, including henbane (*Hyoscyamus niger*), mandrake (*Mandragora officinarum*), angel's trumpets (*Brugmansia* spp.), jimsonweed (*Datura stramonium*), tomato (*Solanum lycopersicum*), the sorcerers' tree (*Latua pubiflora*), and deadly nightshade (*Atropa belladonna*). It is the levorotatory isomer of atropine (third of the three major nightshade alkaloids) and thus sometimes known as levo-atropine.

Keywords

Hyoscyamine;daturine;duboisine;Anaspaz;Levbid;Levsin