



Mouse Anti-Kratom (Mitragynine) Monoclonal antibody, clone 6G34 (CABT-RM229)

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

PRODUCT INFORMATION

Specificity	Metragynine, metabolite, 7-Hydroxymitragynine 80%
Target	Kratom (Mitragynine)
Immunogen	Mitragynine-KLH
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	N/A
Clone	6G34
Purification	Ion Exchange Purified,>90% by SDS-PAGE
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.
Ship	Cold Packs

BACKGROUND

Introduction

Mitragyna speciosa (commonly known as kratom) is a tropical evergreen tree in the coffee family native to Southeast Asia. *M. speciosa* is indigenous to Thailand, Indonesia, Malaysia, Myanmar, and Papua New Guinea, where it has been used in traditional medicines since at least the nineteenth century. Kratom has opioid properties and some stimulant-like effects.

Keywords

Kratom; *Mitragyna speciosa*; *M. speciosa*