



# 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

<b>Specificity</b>	Mitragynine, metabolite, 7-Hydroxymitragynine 80%
<b>Target</b>	Kratom (Mitragynine)
<b>Immunogen</b>	Mitragynine-KLH
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	6G34
<b>Purification</b>	Ion Exchange Purified,>90% by SDS-PAGE
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA, LFIA
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	0.015M Potassium Phosphate, pH 7.2 with 0.85% Sodium Chloride
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
<b>Ship</b>	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