Datasheet for ABIN7581777

Recombinant anti-THC antibody

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Overview

Quantity:	100 µg
Target:	THC
Reactivity:	Various Species
Host:	Mouse
Expression System:	Phage display
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This THC antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Mouse anti-Tetrahydrocannabinol (THC) Antibody, animal-free mAb
Immunogen:	No immunization, animal-free antibody development. Antigen: synthetic Tetrahydrocannabinol (THC) peptide
Clone:	AB499-A06
Isotype:	IgG2a
Specificity:	This is an antibody developed by antibody phage display technology using a human naive antibody gene library and Tetrahydrocannabinol (THC) peptide as antigen. For this antibody both the heavy and light chains are cloned and expressed, generating full-length antibodies.
Cross-Reactivity (Details):	No known cross reactivity. No cross reactivtiy to CBD.

Product Details

Characteristics:	This antibody does not cross react with Cannabidiol (CBD). This antibody can be detected with anti-mouse Fc secondary antibodies.
Purification:	Protein A purification
Grade:	Animal-Free

Target Details

Target:	THC
Alternative Name:	THC (Tetrahydrocannabinol) (THC Products)
Target Type:	Chemical
Background:	Tetrahydrocannabinol (THC) is a is a cannabinoid found in cannabis. It is a psychoactive constituent of Cannabis L. THC usually refers to the delta-9-THC isomer, although 113 cannabinoids with the same chemical formula are described. This antibody does not cross react with Cannabidiol (CBD).
Molecular Weight:	0.3 kDa

Application Details

Application Notes:	ELISA: 1-12 µg/mL as coating antibody 0.5-5 µg/mL as detection antibody Optimal working dilution should be determined by the investigator
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, pH 7.4, 0,02 % ProClin300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C