



THC Polyclonal Antibody

Catalog Number PA1-75456

Product data sheet

Details		Species Reactivity	
Size	1 mg	Species reactivity	Chemical
Host/Isotope	Sheep / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	ELISA (ELISA)	5-10 µg/mL
Immunogen	D8-THC-COOH-BSA	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Purification	purified		
Storage buffer	PBS		
Contains	0.09% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

PA1-75456 specifically detects Tetrahydrocannabinol. PA1-75456 has been successfully used in ELISA applications. The PA1-75456 immunogen is D8-THC-COOH-BSA.

Background/Target Information

Tetrahydrocannabinol (THC) is found in the cannabis sativa L. plant, with potential anti-emetic, analgesic and appetite stimulating activities. Upon administration, dronabinol, also called delta-9-THC, targets and binds to cannabinoid receptors (CBRs) located in the central nervous system (CNS). Dronabinol acts directly on the appetite and vomiting control centers in the brain to stimulate appetite and prevent emesis. In addition, this agent induces analgesia. Urine levels may be used as a marker to determine the exposure to certain preparations containing parts of the cannabis plant, such as marijuana. [National Center for Biotechnology Information. PubChem Compound Database; CID=108207].

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample.

NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.