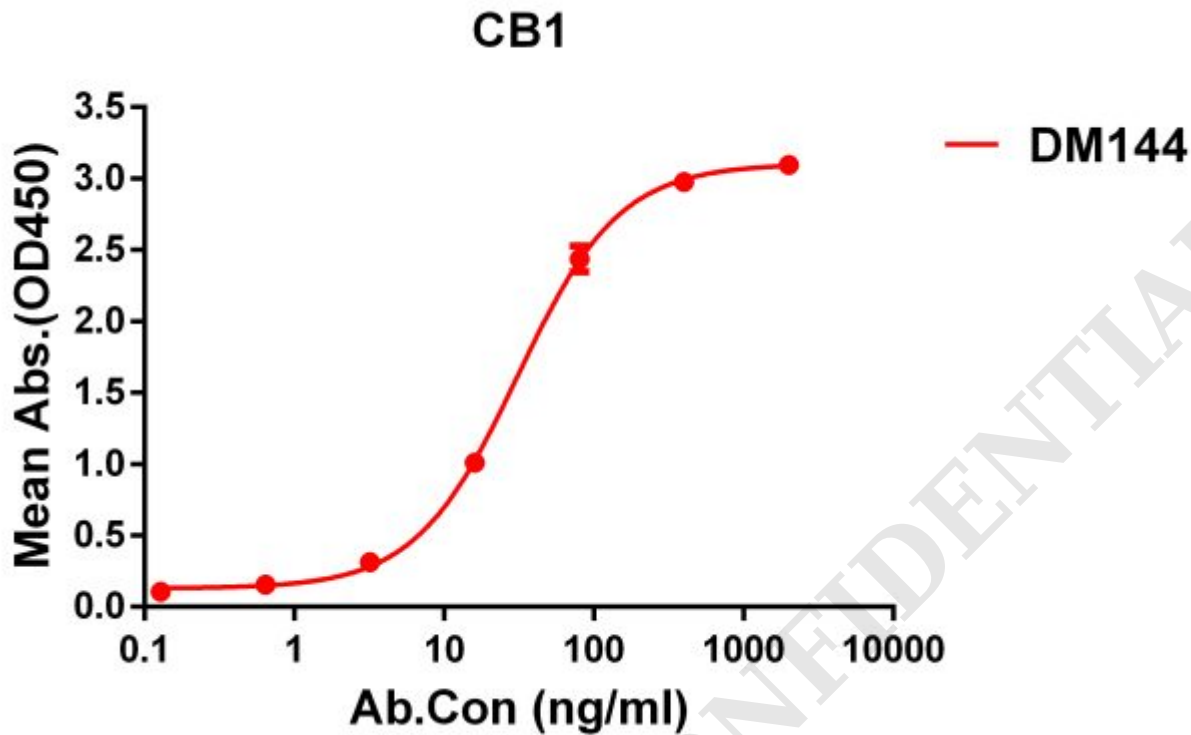


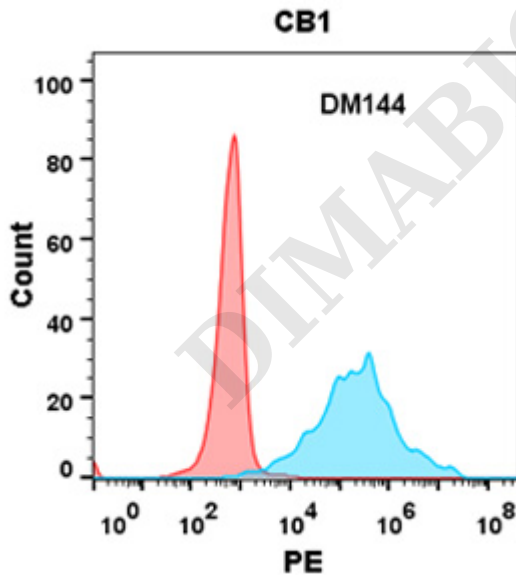
## PRODUCT INFORMATION

<b>Clone ID</b>	DM144
<b>Target</b>	CB1
<b>Synonyms</b>	CANN6; CB-R; CB1; CB1A; CB1K5; CB1R; CNR
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-CB1 antibody(DM144); Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P21554
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA; Flow Cyt
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Endotoxin</b>	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
<b>Background</b>	This gene encodes one of two cannabinoid receptors. The cannabinoids; principally delta-9-tetrahydrocannabinol and synthetic analogs; are psychoactive ingredients of marijuana. The cannabinoid receptors are members of the guanine-nucleotide-binding protein (G-protein) coupled receptor family; which inhibit adenylate cyclase activity in a dose-dependent; stereoselective and pertussis toxin-sensitive manner. The two receptors have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. Multiple transcript variants encoding two different protein isoforms have been described for this gene.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated
<b>DIMA Disclaimer</b>	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr





**Figure 1.** ELISA plate pre-coated by 1  $\mu\text{g/ml}$  (100  $\mu\text{l/well}$ ) Human CB1 protein, hFc tagged protein ([getskuurl sku="PME100507"]) can bind Rabbit anti-CB1 monoclonal antibody(clone: **DM144**) in a linear range of 5-200 ng/ml.



**Figure 2.** Flow cytometry analysis with Anti-CB1 (DM144) on HEK293 cells transfected with human CB1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

