

## CB1 (DM144) RABBIT MAB

**Cat.#:** 28488

**Product Name:** Anti-CB1(DM144) Rabbit Monoclonal Antibody

**Synonyms:** CANN6; CB-R; CB1; CB1A; CB1K5; CB1R; CNR

**Description:** Anti-CB1 antibody(DM144) Rabbit Monoclonal Antibody

**Background:** 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.

**Applications:** ELISA; Flow Cyt

**Recommended Dilutions:** ELISA 1:5000-10000; Flow Cyt 1:100

**Host Species:** Rabbit

**Isotype:** Rabbit IgG

**Purification:** Purified from cell culture supernatant by affinity chromatography

**Species Reactivity:** Human CB1

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5 % – 8 % trehalose is added as protectants before lyophilization.

**Storage & Shipping:** 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).

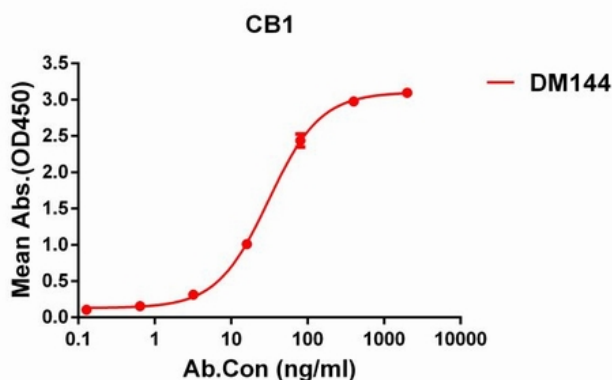


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human CB1 protein, hFc tagged protein 11310 can bind Rabbit anti-CB1 monoclonal antibody (clone: DM144) in a linear range of 5-200 ng/ml.

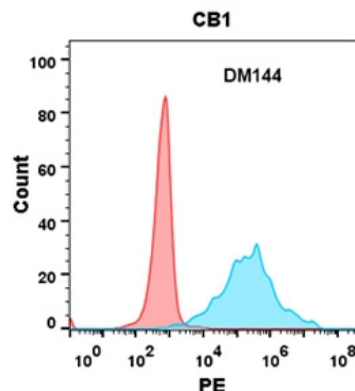


Figure 2. Flow cytometry analysis with Anti-CB1 (DM144) on Expi293 cells transfected with human CB1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).