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# 12-9317: Anti-CB1 antibody(DM144), Rabbit mAb

| | |
|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | DM144 |
| **Application :** | ELISA,FACS |
| **Reactivity :** | Human |
| **Alternative Name :** | CANN6, CB-R, CB1, CB1A, CB1K5, CB1R, CNR |

## Description

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.

## Product Info

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|---|---|
| **Amount :** | 100 µg |
| **Purification :** | Purified from cell culture supernatant by affinity chromatography |
| **Content :** | Not Sterile |
| **Storage condition :** | Store at -20°C for 12 months (Avoid repeated freezing and thawing) |

## Application Note

ELISA 1/5000-10000;FACS 1/100

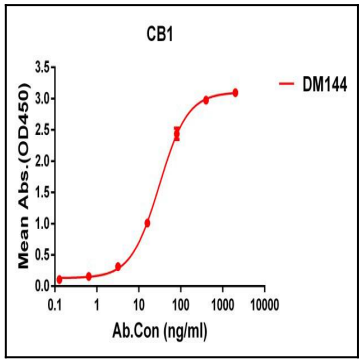


Figure 1. ELISA plate pre-coated by 1 Î¼g/ml (100 Î¼l/well) Human CB1 protein, hFc tagged protein can bind Rabbit anti-CB1 monoclonal antibody(clone: DM144) in a linear range of 5-200 ng/ml.

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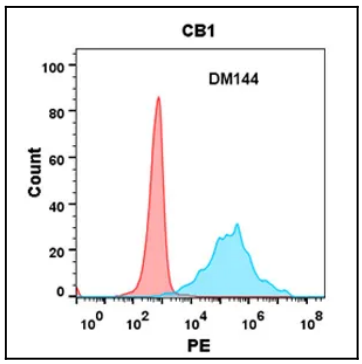


Figure 2. Flow cytometry analysis with Anti-CB1 (DM144) on Expi293 cells transfected with human CB1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).