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antibody and ELISA experts

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Anti-Human Cannabinoid Receptor I DyLight® 550 conjugated CNR1 Antibody

Catalog Number: A01291-Dyl550

About CNR1

The cannabinoid receptor type 1, often abbreviated as CB1, is a G protein-coupled cannabinoid receptor located primarily in the central and peripheral nervous system. 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.

Overview

Product Name	Anti-Human Cannabinoid Receptor I DyLight® 550 conjugated CNR1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Human Cannabinoid Receptor I DyLight® 550 conjugated CNR1 Antibody catalog # A01291-Dyl550. Tested in Flow Cytometry applications. This antibody reacts with Human.
Conjugate	DyLight®550
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P21554

Technical Details

Immunogen	E. coli-derived human Cannabinoid Receptor I recombinant protein (Position: M1-Q75).
Predicted Reactive Species	Human
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid

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Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Flow Cytometry, 1-3ug/1x10^6 cells

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Anti-Human Cannabinoid Receptor I DyLight® 550 conjugated CNR1 Antibody (A01291-Dyl550) Images

Boster Kit Box

Anti-Human Cannabinoid Receptor I DyLight® 550 conjugated CNR1 Antibody