

Datasheet for ABIN3030275
anti-CNR2 antibody (AA 329-356)[Go to Product page](#)

9 Images

Overview

Quantity:	0.4 mL
Target:	CNR2
Binding Specificity:	AA 329-356
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 329-356 from the human protein was used as the immunogen for this CB2 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	CNR2
Alternative Name:	CB2 (CNR2 Products)
Background:	The cannabinoid delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. Cannabinoid receptor 2 and cannabinoid receptor 1 (brain) (CNR1) have the characteristics of a guanine nucleotide-binding protein (G-protein)-coupled receptor for

Target Details

cannabinoids. They inhibit adenylate cyclase activity in a dose-dependent, stereoselective, and pertussis toxin-sensitive manner. These proteins have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. The cannabinoid receptors are members of family 1 of the G-protein-coupled receptors.

UniProt: [P34972](#)

Application Details

Application Notes: Titration of the CB2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

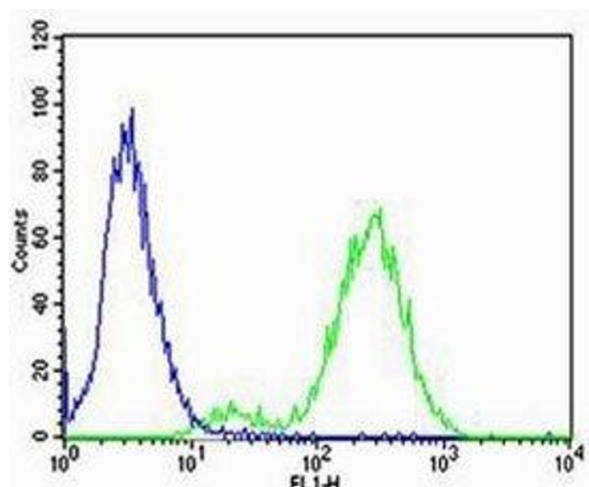
Storage: -20 °C

Storage Comment: Aliquot the CB2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



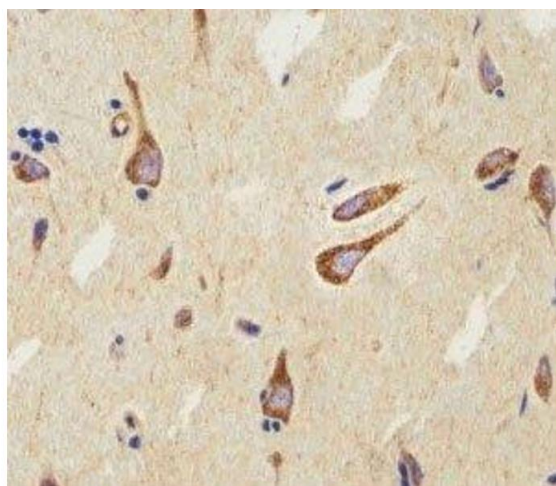
Western Blotting

Image 1. CB2 antibody western blot analysis in A431 lysate.
Predicted molecular weight ~38 kDa.



Flow Cytometry

Image 2. Flow cytometric analysis of Jurkat cells using CB2 antibody (green)



Immunohistochemistry

Image 3. IHC analysis of FFPE human brain using CB2 antibody at 1:25.

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN3030275.