



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Goat Anti-Cannabinoid Receptor 2

With HRP-conjugated Secondary Antibody

Catalog No.

ER-14-0266

Accession Number

NP_001832.1

Target Protein

Principal Names: testis-dominant CNR2 isoform CB2, RP11-4M23.1, CNR2, OTTHUMP00000044841, CX5, CB2, CNR3, HGNC:2160, cannabinoid receptor 2 (macrophage)

Official Symbol: CNR2

Accession Number(s): NP_001832.1

Human GeneID(s): [1269](#)

Immunogen

Peptide with sequence C-TETEADGKITPYPD, from the C Terminus of the protein sequence according to NP_001832.1.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 45kDa band observed in lysates of Human T-cell line Jurkat (calculated MW of 46.2kDa according to NP_001832.1). Recommended concentration: 2-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

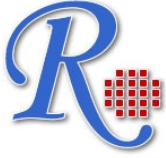
Background Reference

Van Sickle MD, Duncan M, Kingsley PJ, Mouihate A, Urbani P, Mackie K, Stella N, Makriyannis A, Piomelli D, Davison JS, Marnett LJ, Di Marzo V, Pittman QJ, Patel KD, Sharkey KA.

Identification and functional characterization of brainstem cannabinoid CB2 receptors.

Science. 2005 Oct 14;310(5746):329-32. **PMID:** 16224028

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Secondary Antibody Applications

Immunoassay (ELISA, Western blotting): 1:5,000-1:10,000

Image



ER-14-0266 (2 μ g/ml) staining of Jurkat lysate (35 μ g protein in RIPA buffer).
Primary incubation was 1 hour. Detected by chemiluminescence.

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