

Datasheet for ABIN514506  
**anti-CNR2 antibody (AA 302-360)**

4 Images

1 Publication

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## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg  |
| Target:              | CNR2  |
| Binding Specificity: | AA 302-360  |
| Reactivity:          | Human   |
| Host:                | Mouse   |
| Clonality:           | Monoclonal  |
| Conjugate:           | This CNR2 antibody is un-conjugated                   |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

## Product Details

|                   |   |
|-------------------|---|
| Purpose:          | Mouse monoclonal antibody raised against a partial recombinant CNR2.  |
| Immunogen:        | CNR2 (NP_001832.1, 302 a.a. ~ 360 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence:         | RSGEIRSSAH HCLAHWKKCV RGLGSEAKEE APRSSVTETE ADGKITPWPD SRDLDSLDC  |
| Clone:            | 3C7   |
| Isotype:          | IgG1  |
| Cross-Reactivity: | Human   |
| Characteristics:  | Antibody Reactive Against Recombinant Protein.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | CNR2   |
| Alternative Name: | CNR2 ( <a href="#">CNR2 Products</a> )                                   |
| Background:       | Full Gene Name: cannabinoid receptor 2 (macrophage)<br>Synonyms: CB2,CX5 |
| Gene ID:          | 1269   |
| NCBI Accession:   | <a href="#">NM_001841</a>  |

## Application Details

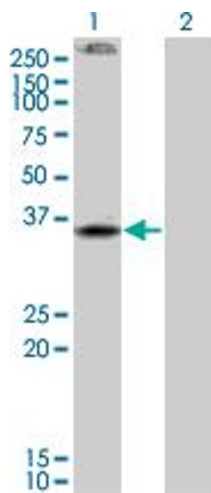
|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only  |

## Handling

|                  |  |
|------------------|--|
| Buffer:          | In 1x PBS, pH 7.4  |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing.                          |
| Storage:         | -20 °C   |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Publications

|                   |  |
|-------------------|--|
| Product cited in: | Brocato, Zoerner, Janjetovic, Skobowiat, Gupta, Moore, Slominski, Zhang, Schenone, Phinehas, Ferry, Dick, Hubbard, Mari, Schlabritz-Loutsevitch: "Endocannabinoid crosstalk between placenta and maternal fat in a baboon model (Papio spp.) of obesity." in: <b>Placenta</b> , Vol. 34, Issue 11, pp. 983-9, (2013) ( <a href="#">PubMed</a> ). |
|-------------------|--|

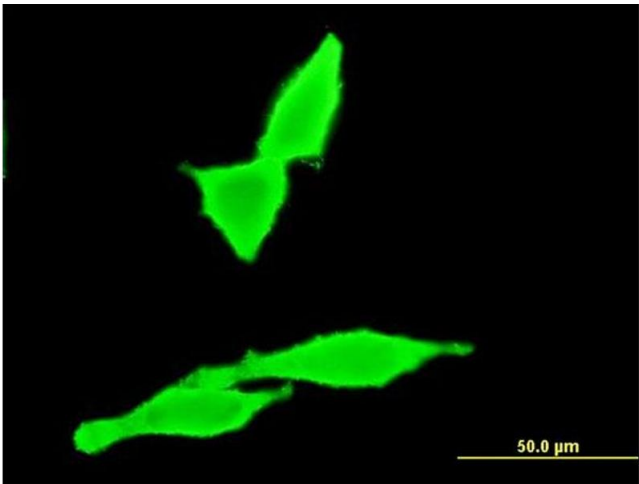


### Western Blotting

**Image 1.** Western Blot analysis of CNR2 expression in transfected 293T cell line by CNR2 monoclonal antibody (M01), clone 3C7.

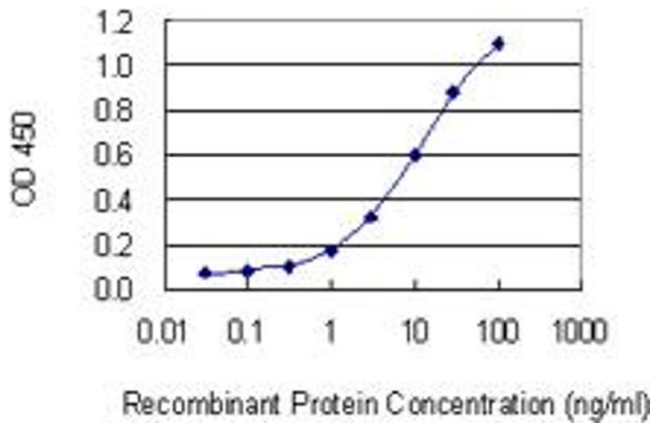
Lane 1: CNR2 transfected lysate(39.7 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

**Image 2.** Immunofluorescence of monoclonal antibody to CNR2 on HeLa cell. [antibody concentration 10  $\mu$ g/ml]



### ELISA

**Image 3.** Detection limit for recombinant GST tagged CNR2 is 0.1 ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN514506.