

Datasheet for ABIN7634201

**anti-beta 2 Adrenergic Receptor antibody**[Go to Product page](#)

## Overview

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                    |
| Target:      | beta 2 Adrenergic Receptor (ADRB2)                                                                        |
| Reactivity:  | Rat                                                                                                       |
| Host:        | Mouse                                                                                                     |
| Clonality:   | Monoclonal                                                                                                |
| Conjugate:   | This beta 2 Adrenergic Receptor antibody is un-conjugated                                                 |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|               |                                                                                                                                                                                 |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Monoclonal Antibody to Adrenergic Receptor Beta 2 (ADRB2)                                                                                                                       |
| Specificity:  | The antibody is a mouse monoclonal antibody raised against ADRb2. It has been selected for its ability to recognize ADRb2 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                          |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | beta 2 Adrenergic Receptor (ADRB2)       |
| Alternative Name: | ADRB2 ( <a href="#">ADRB2 Products</a> ) |
| Background:       | B2AR, Beta-2 adrenoreceptor              |
| UniProt:          | <a href="#">P10608</a>                   |

## Target Details

Pathways: [cAMP Metabolic Process](#), [Synaptic Membrane](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Brown Fat Cell Differentiation](#)

## Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:500-5000 Immunohistochemistry: 5-20 µg/mL, 1:50-200 Immunocytochemistry: 5-20 µg/mL, 1:50-200 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

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: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.