

Datasheet for ABIN4996155

## anti-beta 2 Adrenergic Receptor antibody (AA 201-300) (AbBy Fluor® 680)



[Go to Product page](#)

### Overview

|                      |                                                                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                |
| Target:              | beta 2 Adrenergic Receptor (ADRB2)                                                                                                                    |
| Binding Specificity: | AA 201-300                                                                                                                                            |
| Reactivity:          | Human, Rat, Mouse                                                                                                                                     |
| Host:                | Rabbit                                                                                                                                                |
| Clonality:           | Polyclonal                                                                                                                                            |
| Conjugate:           | This beta 2 Adrenergic Receptor antibody is conjugated to AbBy Fluor® 680                                                                             |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human of human ADRB2 |
| Isotype:              | IgG                                                                |
| Cross-Reactivity:     | Human, Mouse, Rat                                                  |
| Predicted Reactivity: | Dog,Rabbit                                                         |
| Purification:         | Purified by Protein A.                                             |

### Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | beta 2 Adrenergic Receptor (ADRB2)       |
| Alternative Name: | ADRB2 ( <a href="#">ADRB2 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: BAR, B2AR, ADRBR, ADRB2R, BETA2AR, Beta-2 adrenergic receptor, Beta-2 adrenoreceptor, Beta-2 adrenoceptor, ADRB2</p> <p>Background: Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 3-fold greater affinity than it does norepinephrine.</p> |
| Gene ID:    | 154                                                                                                                                                                                                                                                                                                                                                                                                            |
| UniProt:    | <a href="#">P07550</a>                                                                                                                                                                                                                                                                                                                                                                                         |
| Pathways:   | <a href="#">cAMP Metabolic Process</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Brown Fat Cell Differentiation</a>                                                                                                                                                                                                       |

## Application Details

|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| Application Notes: | <p>FCM 1:20-100</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions:      | For Research Use only                                                                           |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |