

**Anti-beta 2 Adrenergic Receptor ADRB2 Rabbit Monoclonal Antibody**  
Catalog # ABO14312

**Specification**

**Anti-beta 2 Adrenergic Receptor ADRB2 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IP
Primary Accession	<a href="#">P07550</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-beta 2 Adrenergic Receptor ADRB2 Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.

**Anti-beta 2 Adrenergic Receptor ADRB2 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 154

**Other Names**

Beta-2 adrenergic receptor, Beta-2 adrenoreceptor, Beta-2 adrenoceptor, ADRB2, ADRB2R, B2AR

**Calculated MW**

46459 MW KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>IP 1:30

**Subcellular Localization**

Cell membrane ; Multi-pass membrane protein. Colocalizes with VHL at the cell membrane.

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human beta 2 Adrenergic Receptor

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

## Anti-beta 2 Adrenergic Receptor ADRB2 Rabbit Monoclonal Antibody - Protein Information

**Name** ADRB2

**Synonyms** ADRB2R, B2AR

### Function

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 30- fold greater affinity than it does norepinephrine.

### Cellular Location

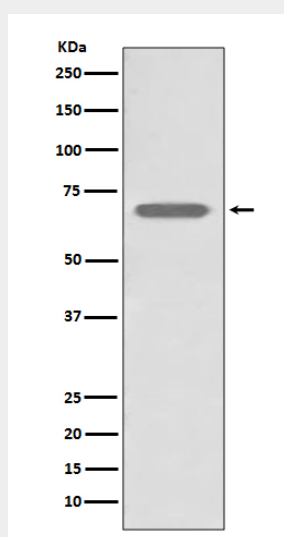
Cell membrane; Multi-pass membrane protein. Early endosome. Golgi apparatus. Note=Colocalizes with VHL at the cell membrane (PubMed:19584355). Activated receptors are internalized into endosomes prior to their degradation in lysosomes (PubMed:20559325) Activated receptors are also detected within the Golgi apparatus (PubMed:27481942).

## Anti-beta 2 Adrenergic Receptor ADRB2 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-beta 2 Adrenergic Receptor ADRB2 Rabbit Monoclonal Antibody - Images



Western blot analysis of beta 2 Adrenergic Receptor expression in A431 cell lysate.