10320 Camino Santa Fe, Suite G
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# ADRB2 Antibody (C-Terminus)

**Rabbit Polyclonal Antibody**

**Catalog # ALS10563**

## Specification

### ADRB2 Antibody (C-Terminus) - Product Information

| | |
|---|---|
| Application | **IHC, ICC** |
| Primary Accession | P07550 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **46kDa KDa** |

### ADRB2 Antibody (C-Terminus) - Additional Information

**Gene ID** 154

**Other Names**
Beta-2 adrenergic receptor, Beta-2 adrenoreceptor, Beta-2 adrenoceptor, ADRB2, ADRB2R, B2AR

**Target/Specificity**
Human ADRB2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**
Long term: -70°C; Short term: +4°C

**Precautions**
ADRB2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

### ADRB2 Antibody (C-Terminus) - 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).

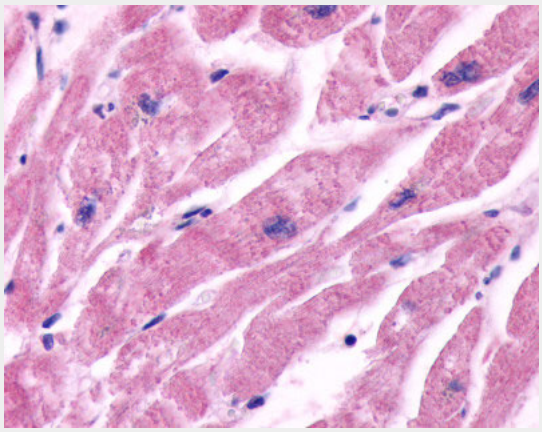
**Volume**
50 µl

### ADRB2 Antibody (C-Terminus) - Protocols

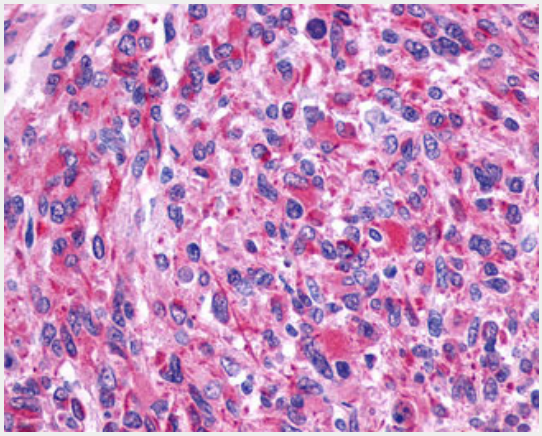
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

### ADRB2 Antibody (C-Terminus) - Images

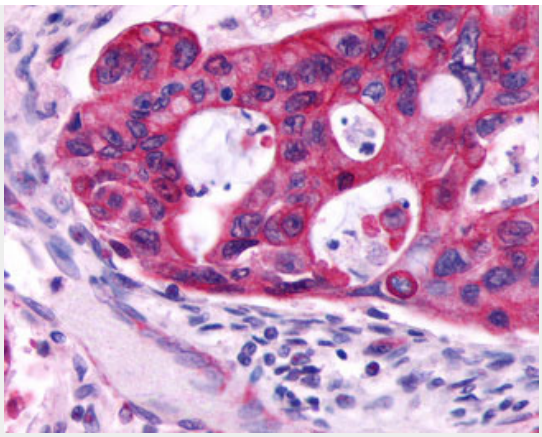


Anti-ADRB2 antibody ALS10563 IHC of human heart, cardiac myocytes.

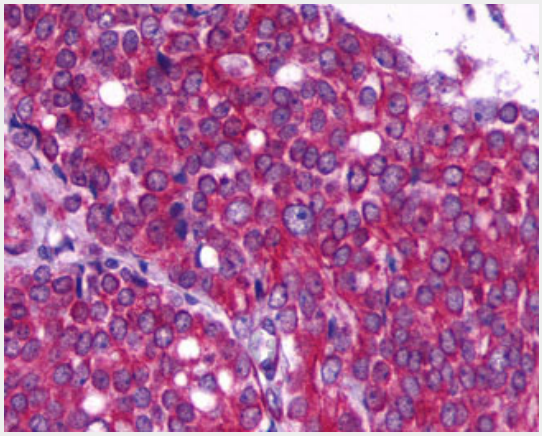


Anti-ADRB2 antibody IHC of human Brain, Glioblastoma.

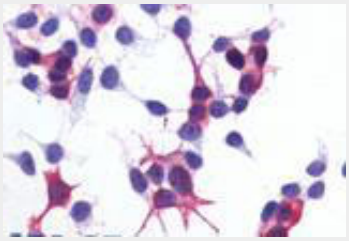
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Anti-ADRB2 antibody IHC of human Colon, Carcinoma.



Anti-ADRB2 antibody IHC of human Prostate, Carcinoma.



Anti-ADRB2 antibody ALS10563 immunocytochemistry (ICC) staining of HEK293 human embryonic kidney...



Anti-ADRB2 antibody ALS10563 immunocytochemistry (ICC) staining of untransfected HEK293 human...

**ADRB2 Antibody (C-Terminus) - 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 30-fold greater affinity than it does norepinephrine.

**ADRB2 Antibody (C-Terminus) - References**

Chung F.-Z.,et al.FEBS Lett. 211:200-206(1987).
Kobilka B.K.,et al.J. Biol. Chem. 262:7321-7327(1987).
Schofield P.R.,et al.Nucleic Acids Res. 15:3636-3636(1987).
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