

**ADRB2 Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10563**

**Specification**

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

Application	IHC, ICC
Primary Accession	<a href="#">P07550</a>
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).

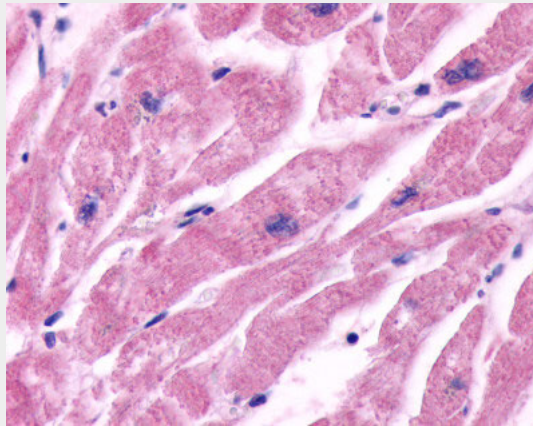
**Volume**  
50  $\mu$ l

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

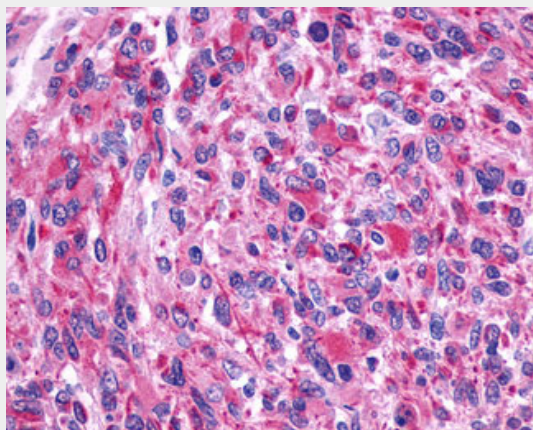
Provided below are standard protocols that you may find useful for product applications.

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

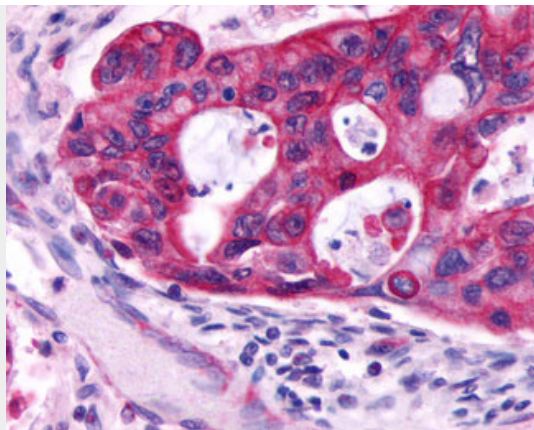
### **ADRB2 Antibody (C-Terminus) - Images**



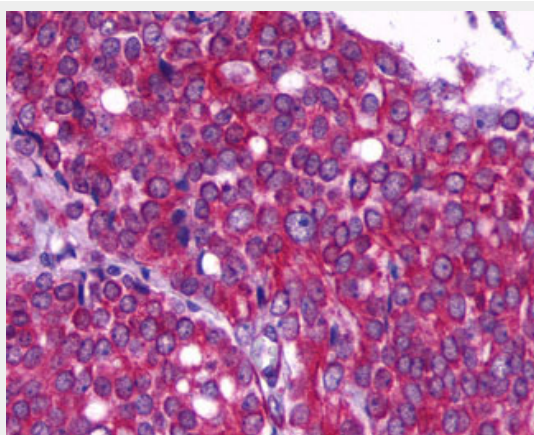
Anti-ADRB2 antibody ALS10563 IHC of human heart, cardiac myocytes.



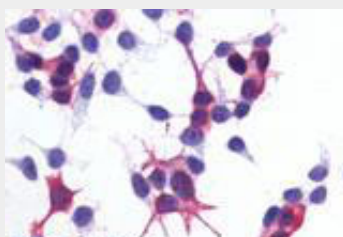
Anti-ADRB2 antibody IHC of human Brain, Glioblastoma.



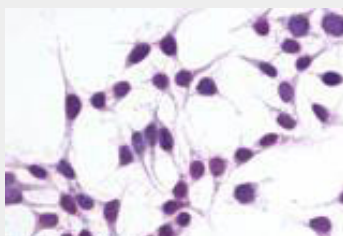
Anti-ADRB2 antibody IHC of human Colon, Carcinoma.



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).  
Kobilka B.K., et al. Proc. Natl. Acad. Sci. U.S.A. 84:46-50(1987).  
Emorine L.J., et al. Proc. Natl. Acad. Sci. U.S.A. 84:6995-6999(1987).