

# Anti-beta 1 Adrenergic Receptor antibody ab77189

★★★★★ [3 Abreviews](#) [9 References](#) [2 图像](#)

### 概述

产品名称	Anti-beta 1 Adrenergic Receptor抗体
描述	山羊多克隆抗体to beta 1 Adrenergic Receptor
宿主	Goat
经测试应用	适用于: ICC/IF, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Guinea pig, Cat, Rhesus monkey, Gerbil 
免疫原	Synthetic peptide corresponding to Human beta 1 Adrenergic Receptor (internal sequence). Sequence: ESDEARRCYNDPK  Database link: <a href="#">NP_000675.1</a> <a href="#"> Run BLAST with</a> <a href="#"> Run BLAST with</a>
阳性对照	IHC-P: Human heart tissue. ICC/IF: HeLa cells
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

克隆

同种型

chromatography using the immunizing peptide.

多克隆

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab77189于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 10 µg/ml.
IHC-P	★★★★★ (1)	Use a concentration of 6 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能

序列相似性

结构域

翻译后修饰

细胞定位

Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylyate cyclase through the action of G proteins. This receptor binds epinephrine and norepinephrine with approximately equal affinity.

Belongs to the G-protein coupled receptor 1 family. Adrenergic receptor subfamily. ADRB1 sub-subfamily.

The PDZ domain-binding motif mediates competitive interactions with GOPC, MAGI3 and DLG4 and plays a role in subcellular location of the receptor.

Homologous desensitization of the receptor is mediated by its phosphorylation by beta-adrenergic receptor kinase.

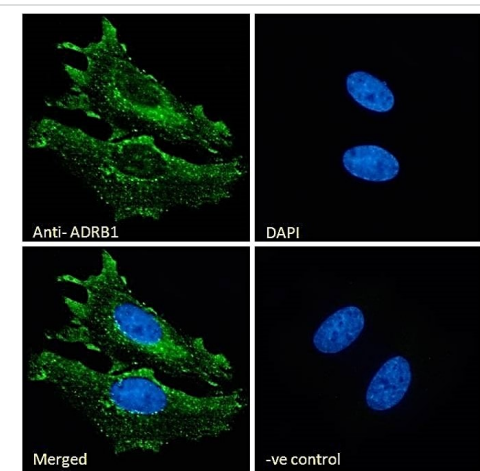
Cell membrane. Localized at the plasma membrane. Found in the Golgi upon GOPC overexpression.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-beta 1 Adrenergic Receptor antibody (ab77189)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human heart tissue labelling beta 1 Adrenergic Receptor with ab77189 at 6 µg/mL. Heat mediated antigen retrieval was performed with citrate buffer pH 6. HRP-staining.



Immunocytochemistry/ Immunofluorescence - Anti-beta 1 Adrenergic Receptor antibody (ab77189)

Immunocytochemistry/Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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