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Datasheet for ABIN7255095  
**anti-beta Arrestin 1 antibody**

3 Images

### Overview

Quantity:	200 µL
Target:	beta Arrestin 1 (ARRB1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta Arrestin 1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant fusion protein of human ARRB1 (NP_004032.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

### Target Details

Target:	beta Arrestin 1 (ARRB1)
Alternative Name:	ARRB1 ( <a href="#">ARRB1 Products</a> )
Background:	Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 1 is a cytosolic protein and acts as a cofactor in the beta-adrenergic receptor kinase (BARK)

## Target Details

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mediated desensitization of beta-adrenergic receptors. Besides the central nervous system, it is expressed at high levels in peripheral blood leukocytes, and thus the BARK/beta-arrestin system is believed to play a major role in regulating receptor-mediated immune functions. Alternatively spliced transcripts encoding different isoforms of arrestin beta 1 have been described.

Gene ID: 408

UniProt: [P49407](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Nuclear Hormone Receptor Binding](#), [cAMP Metabolic Process](#), [Myometrial Relaxation and Contraction](#), [Synaptic Membrane](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Phototransduction](#)

## Application Details

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Application Notes: IHC 1:50-1:200 IF 1:20-1:100

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

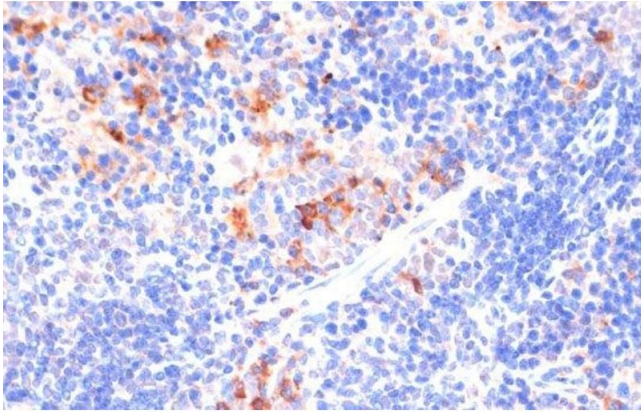
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

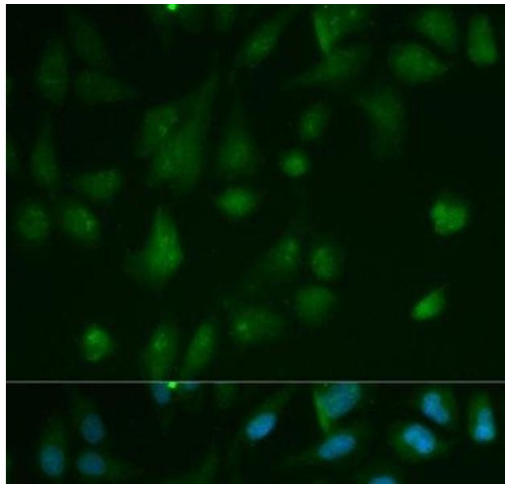
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



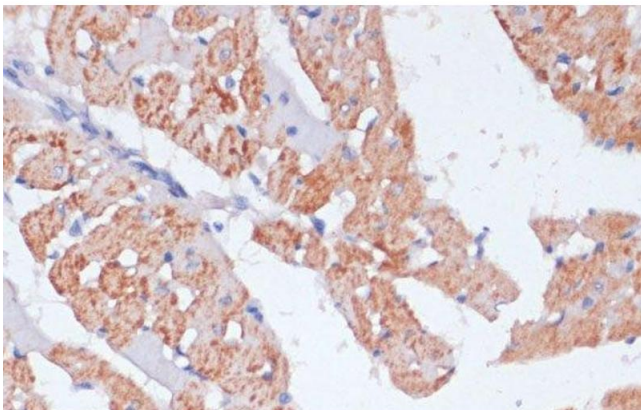
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Mouse spleen using ARRB1 Polyclonal Antibody at dilution of 1:100 (40x lens).



#### Immunofluorescence

**Image 2.** Immunofluorescence analysis of HeLa cells using ARRB1 Polyclonal Antibody



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Rat heart using ARRB1 Polyclonal Antibody at dilution of 1:100 (40x lens).