

Datasheet for ABIN4903044

**anti-beta Arrestin 1 antibody**

## 8 Images

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## Overview

Quantity:	100 µL
Target:	beta Arrestin 1 (ARRB1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This beta Arrestin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant protein of human ARRB1.
Isotype:	IgG
Characteristics:	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) 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.
Purification:	Affinity purification

## Target Details

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Target:	beta Arrestin 1 (ARRB1)
Alternative Name:	beta Arrestin 1 ( <a href="#">ARRB1 Products</a> )
Gene ID:	408
UniProt:	<a href="#">P49407</a>
Pathways:	<a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Nuclear Hormone Receptor Binding</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Phototransduction</a>

## Application Details

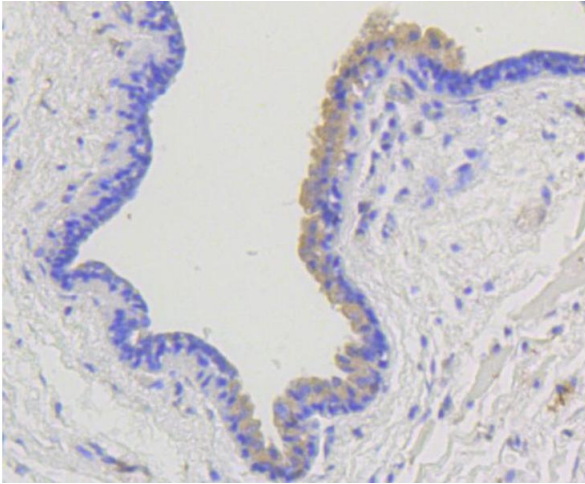
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Application Notes:	WB 1:500-1:2000 , IHC 1:50-1:100 , ICC 1:50-1:200 , IF 1:50-1:100 , IP 1:20-1:50 , FC 1:20-1:50
Restrictions:	For Research Use only

## Handling

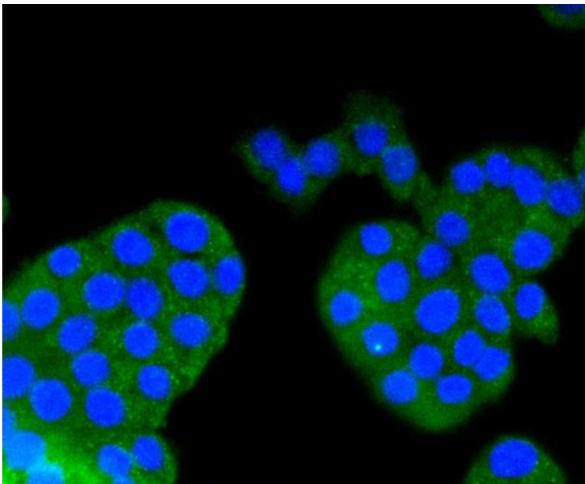
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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	Store at -20°C.



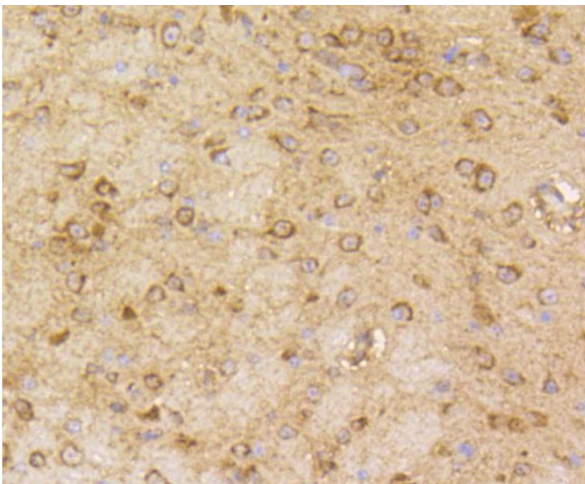
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human mammary cancer using ARRB1 antibody (ABIN4903044) at dilution of 1:100 (40x lens).



#### Immunofluorescence

**Image 2.** Immunofluorescence analysis of PC-12 cells using ARRB1 antibody (ABIN4903044).



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded mouse brain using ARRB1 antibody (ABIN4903044) at dilution of 1:100 (40x lens).

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN4903044.