

Arrestin-Beta-2 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0186
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human Arrestin-Beta-2 (C-terminus) protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat,Pig
Clonality	Monoclonal
Recommended application	WB, IF, ICC
Concentration	1 mg/ml
Full name	Beta-arrestin-2
Synonyms	ARRB2; ARB2; ARR2; Beta-arrestin-2; Arrestin beta-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 2, like arrestin beta 1, was shown to inhibit beta-adrenergic receptor function in vitro. It is expressed at high levels in the central nervous system and may play a role in the regulation of synaptic receptors. Besides the brain, a cDNA for arrestin beta 2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

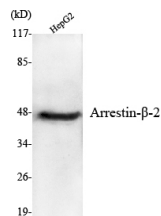
Recommended Dilution

IF: 1:100 - 1:500

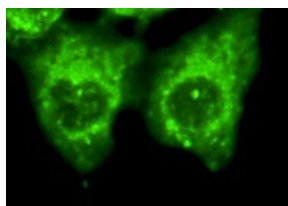
WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using Arrestin-Beta-2 Monoclonal antibody against HepG2 cell lysate.



Immunofluorescence analysis of HeLa cells using Arrestin-Beta-2 Monoclonal antibody.

Storage

-20°C for one year

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