

Arrestin-Beta-1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0185
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human Arrestin-Beta-1 protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat
Clonality	Monoclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Beta-arrestin-1
Synonyms	ARRB1; ARR1; Beta-arrestin-1; Arrestin beta-1

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

Background

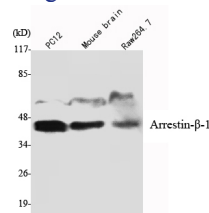
Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 1 is a cytosolic protein 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.

Recommended Dilution

WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using Arrestin-Beta-1 Monoclonal antibody against PC12, Mouse brain, Raw264.7 cell lysate.

Storage

-20°C for one year