

# 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

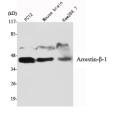
Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 1 is a cytosolic protein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