



Arrestin-β-1 Monoclonal Antibody

Catalog No	BYmab-03723
	IgG
Isotype	-
Reactivity	Human;Monkey
Applications	WB
Gene Name	ARRB1
Protein Name	Beta-arrestin-1
Immunogen	The antiserum was produced against synthesized peptide derived from human Arrestin 1. AA range:369-418
Specificity	Arrestin- β -1 Monoclonal Antibody detects endogenous levels of Arrestin- β -1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Storage Stability Synonyms	-20°C/1 year ARRB1; ARR1; Beta-arrestin-1; Arrestin beta-1
Synonyms	ARRB1; ARR1; Beta-arrestin-1; Arrestin beta-1
Synonyms Observed Band	 ARRB1; ARR1; Beta-arrestin-1; Arrestin beta-1 47kD Cytoplasm. Nucleus. Cell membrane. Membrane, clathrin-coated pit . Cell projection, pseudopodium . Cytoplasmic vesicle. Translocates to the plasma membrane and colocalizes with antagonist-stimulated GPCRs. The monomeric form is predominantly located in the nucleus. The oligomeric form is located in the
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网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658

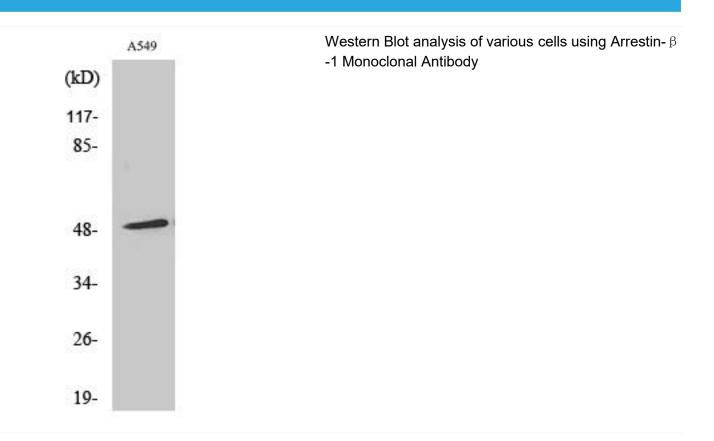


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	specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 1 is a cytosolic protein and acts as a cofactor in the beta-adrenergic receptor kinase (BARK) mediated desensitization of beta-adrenergic 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. [provided by RefSeq, Jan 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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