

# Anti-beta Arrestin 1 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M011168

## Product Information

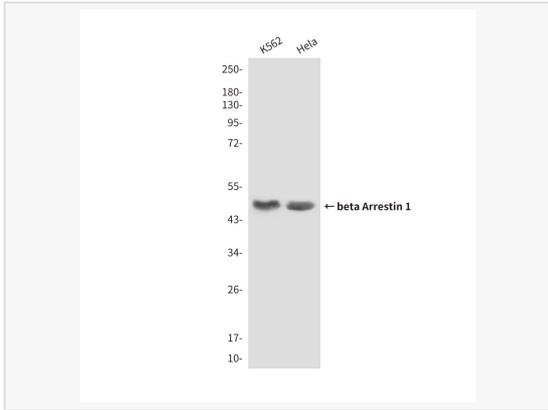
Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000
Host	Mouse
Clonality	Monoclonal
Clone No.	15M67L12
Isotype	IgG2b
Label	Unconjugated
Immunogen	Recombinant human $\beta$ -Arrestin 1 protein.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-beta Arrestin 1 antibody [15M67L12] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	ARB1, ARR1, ARRB1, ARRB1_HUMAN, Arrestin 2, Arrestin beta 1, Arrestin beta-1, Beta-arrestin-1.
Calculated MW	Calculated MW: 47 kDa; Observed MW: 51 kDa
Uniprot ID	P49407
Gene ID	408
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. [provided by RefSeq, Jan 2011]

## Validation Images

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Western blot analysis of betaArrestin 1 in K562 and HeLa lysates using betaArrestin 1 antibody.