

Datasheet

ARRB2 monoclonal antibody (M01), clone 3G1

Catalog Number: H00000409-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant ARRB2.

Clone Name: 3G1

Immunogen: ARRB2 (AAH07427, 300 a.a. ~ 409 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

NLASSTIVKEGANKEVLGILVSYRVKVKLVVSRGGDVS
VELPFVLMHPKPHDHIPLRPQSAAPETDVPVDTNLIE
FDTNYATDDDIVFEDFARLRLKGMKDDDYDDQLC

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, PLA-Ce, S-ELISA, WB-Re, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 409

Gene Symbol: ARRB2

Gene Alias: ARB2, ARR2, BARR2, DKFZp686L0365

Gene Summary: 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 have been found for this gene, but the full-length nature of some variants has not been defined. [provided by RefSeq]