

Arrestin- β -1 monoclonal antibody

Catalog: MB0001

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

Beta Arrestin 1 is a member of a family of proteins that are widely expressed but especially abundant in the central nervous system. Serving as an adaptor or scaffold molecule, beta Arrestin 1 is essential for mitogenic signaling. Beta Arrestin 1 has important roles in the cytoplasm and at the plasma membrane in the desensitization and internalization of G protein coupled receptors (GPCRs) and is increasingly appreciated to play an important role in the endocytosis and signaling of GPCRs. Beta Arrestin 1 in the cytosol is phosphorylated by ERK1 and 2 on serine 412 in a negative feedback mechanism and binds to the phosphorylated receptors at the plasma membrane.

Product:

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine(pH 7.4 150 mM NaCl)with 0.02% sodium azide 0.1mg/mlBSA and 50% glycerol.

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P49407

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immuno-

gen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1000

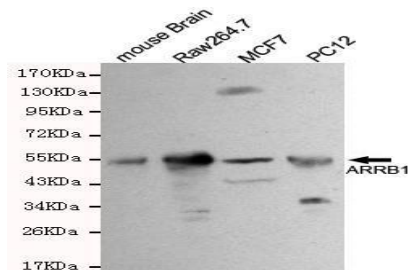
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

This antibody detects endogenous levels of beta Arrestin 1 and does not cross-react with related proteins.

DATA:



Western blot detection of Arrestin- β -1 antibody in PC12, Raw264.7, MCF7 and mouse brain cell lysates using ARRB1 antibody (1:500 diluted).

Note:

For research use only, not for use in diagnostic procedure.

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