

Product Datasheet

β -Arrestin 1 Mouse mAb

Catalog No: AB3380

Reactivity: Human

Isotype: Mouse IgG2b

Applications: WB



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Information

UniProt ID: P49407

All Names: ARB1; ARR1; ARRB1; Arrestin 2; Arrestin beta 1; Arrestin beta-1; Beta-arrestin-1.

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

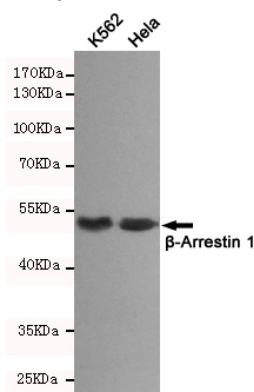
Molecular Wt.: 51kDa

Application

WB 1:500

Background

Functions in regulating agonist-mediated G-protein coupled receptor (GPCR) signaling by mediating both receptor desensitization and resensitization processes. During homologous desensitization, beta-arrestins bind to the GPCR-phosphorylated receptor and sterically preclude its coupling to the cognate G-protein; the binding appears to require additional receptor determinants exposed only in the active receptor conformation.



Western blot detection of β -Arrestin 1 in K562 and HeLa cell lysates using β -Arrestin 1 mouse mAb(dilution 1:500).Predicted band size:51kDa.Observed band size:51kDa.

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