

bsm-61196R**[Primary Antibody]****BioSS**
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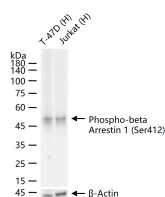
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phospho-beta Arrestin 1 (Ser412) Recombinant Rabbit mAb**— DATASHEET —**

| | | |
|---|----------------------|--|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) Reactivity: Human Predicted MW.: 47 Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus |
| Clonality: Recombinant | CloneNo.: 8E9 | |
| GeneID: 408 | SWISS: P49407 | |
| Target: beta Arrestin 1 (Ser412) | | |
| Immunogen: A synthesized peptide derived from human beta Arrestin 1 around the phosphorylation site of S412: GTG-pS-PQLN. | | |
| Purification: affinity purified by Protein A | | |
| Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. | | |
| 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 GPRK-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. | | |

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with Phospho-beta Arrestin 1 (Ser412) monoclonal antibody, unconjugated (bsm-61196R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.