

## beta Arrestin 1 Antibody (YA822)

|                   |   |
|-------------------|---|
| Cat. No.:         | HY-P80569   |
| Synonyms:         | beta Arrestin 1 Antibody (YA822) is a non-conjugated and Mouse originated monoclonal antibody about 47 kDa, targeting to beta Arrestin 1 (6A1). It can be used for WB assays with tag free, in the background of Human. |
| Host:             | Mouse   |
| Reactivity:       | Human   |
| Conjugation:      | Non-conjugated  |
| SwissProt ID:     | P49407  |
| Research Field:   | Signal Transduction   |
| Molecular Weight: | Predicted band size: 47 kDa   |

### PROPERTIES

| Formulation                  | Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.   |             |                |    |               |
|------------------------------|--|-------------|----------------|----|---------------|
| Purity                       | affinity purified  |             |                |    |               |
| Storage & Stability          | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.   |             |                |    |               |
| Appearance                   | Liquid   |             |                |    |               |
| Application & Dilution Ratio | <table> <thead> <tr> <th>Application</th> <th>Dilution Ratio</th> </tr> </thead> <tbody> <tr> <td>WB</td> <td>1:500-1:1,000</td> </tr> </tbody> </table> | Application | Dilution Ratio | WB | 1:500-1:1,000 |
| Application                  | Dilution Ratio   |             |                |    |               |
| WB                           | 1:500-1:1,000  |             |                |    |               |
| Shipping                     | Shipping with blue ice.  |             |                |    |               |

### DESCRIPTION

|            |  |
|------------|--|
| Background | <p>beta Arrestin 1 (6A1): 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]</p> |
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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