

## **PRODUCT INFORMATION**

| Clone ID                     | 15D6  |
|------------------------------|---|
| Target                       | ACVR2A  |
| Synonyms                     | ACVR2; ACTRII   |
| Host Species                 | Rabbit  |
| Description                  | PE-conjugated Anti-ACVR2A antibody(15D6), IgG1<br>Chimeric mAb  |
| Delivery                     | Under Development   |
| Uniprot ID                   | P27037  |
| lgG type                     | Rabbit/Human Fc chimeric IgG1   |
| Clonality                    | Monoclonal  |
| Reactivity                   | Human   |
| Applications                 | Flow Cyt  |
| Recommended<br>Dilutions     | Flow Cyt 1/100  |
| Purification                 | Purified from cell culture supernatant by affinity chromatography   |
| Formulation & Reconstitution | Liquid PBS with 0.05% Proclin300, 1% BSA  |
| Storage & Shipping           | Store at 2°C-8°C for 6 months   |
| Background                   | This gene encodes a receptor that mediates the<br>functions of activins, which are members of the<br>transforming growth factor-beta (TGF-beta)<br>superfamily involved in diverse biological<br>processes. The encoded protein is a<br>transmembrane serine-threonine kinase receptor<br>which mediates signaling by forming<br>heterodimeric complexes with various<br>combinations of type I and type II receptors and<br>ligands in a cell-specific manner. The encoded<br>type II receptor is primarily involved in ligand-<br>binding and includes an extracellular ligand-<br>binding domain, a transmembrane domain and a<br>cytoplasmic serine-threonine kinase domain. This<br>gene may be associated with susceptibility to<br>preeclampsia, a pregnancy-related disease which<br>can result in maternal and fetal morbidity and<br>mortality. Alternative splicing results in multiple<br>transcript variants of this gene. [provided by<br>RefSeq, Jun 2013] |
| Usage                        | Research use only   |
| Conjugate                    | PE-conjugated   |

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