

## 12-90418: Anti-ACVR2A antibody(15D6), IgG1 Chimeric mAb

|                           |                               |
|---------------------------|-------------------------------|
| <b>Clonality :</b>        | Monoclonal                    |
| <b>Clone Name :</b>       | 15D6                          |
| <b>Application :</b>      | FACS                          |
| <b>Reactivity :</b>       | Human                         |
| <b>Gene :</b>             | ACVR2A                        |
| <b>Uniprot ID :</b>       | P27037                        |
| <b>Alternative Name :</b> | ACVR2; ACTRII                 |
| <b>Isotype :</b>          | Rabbit/Human Fc chimeric IgG1 |

### Description

This gene encodes a receptor that mediates the functions of activins, which are members of the transforming growth factor-beta (TGF-beta) superfamily involved in diverse biological processes. The encoded protein is a transmembrane serine-threonine kinase receptor which mediates signaling by forming heterodimeric complexes with various combinations of type I and type II receptors and ligands in a cell-specific manner. The encoded type II receptor is primarily involved in ligand-binding and includes an extracellular ligand-binding domain, a transmembrane domain and a cytoplasmic serine-threonine kinase domain. This gene may be associated with susceptibility to preeclampsia, a pregnancy-related disease which can result in maternal and fetal morbidity and mortality. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jun 2013]

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 100 µg / 10 µg  |
| <b>Purification :</b>      | Purified from cell culture supernatant by affinity chromatography   |
| <b>Content :</b>           | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.  |
| <b>Storage condition :</b> | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |

### Application Note

FACS 1/100

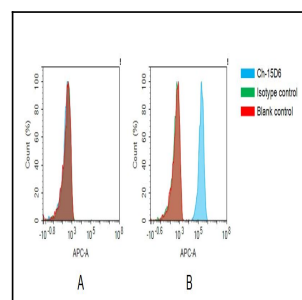


Figure 1. Flow cytometry analysis with 1 µg/mL Anti-ACVR2A(15D6) mAb on CHO-S cells(A) and Hu\_ACVR2A CHO-S Cell Line(B).