

## Purified Anti-Human CD70 Antibody[113-16]

catalog number: AN004240P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

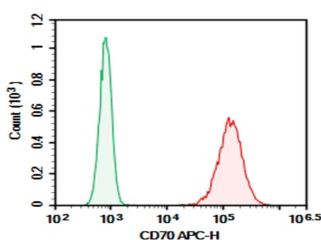
|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human   |
| <b>Immunogen</b>    | Recombinant Human CD70 protein  |
| <b>Host</b>         | Mouse   |
| <b>Isotype</b>      | Mouse IgG1, κ   |
| <b>Clone</b>        | 113-16  |
| <b>Purification</b> | >98%, Protein A/G purified  |
| <b>Buffer</b>       | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.<br>Dialyze to completely remove the stabilizer prior to labeling. |

### Applications

### Recommended Dilution

|            |  |
|------------|--|
| <b>FCM</b> | 2 µg/mL (0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells) |
|------------|--|

### Data



U266 cells were stained with 0.2 µg Purified Anti-Human CD70 Antibody[113-16] (Right) and 0.2 µg Mouse IgG1, κ Isotype Control(Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

### Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag  |

### Background

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.

### For Research Use Only