Anti-ALPP antibody(DMC686); IgG1 Chimeric mAb

Cat. No. DMC100686

## PRODUCT INFORMATION

| | |
|---|---|
| **Clone ID** | **Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** DMC686 |
| **Target** | ALPP |
| **Synonyms** | ALP; ALPI; IAP; PALP; PLAP; PLAP-1 |
| **Host Species** | Rabbit |
| **Description** | Anti-ALPP antibody(DMC686); IgG1 Chimeric mAb |
| **Delivery** | In Stock |
| **Uniprot ID** | P05187 |
| **IgG type** | Rabbit/Human Fc chimeric IgG1 |
| **Clonality** | Monoclonal |
| **Reactivity** | Human |
| **Applications** | Flow Cyt |
| **Recommended Dilutions** | Flow Cyt 1:100 |
| **Purification** | Purified from cell culture supernatant by affinity chromatography |
| **Formulation & Reconstitution** | 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. |
| **Storage&Shipping** | 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. |
| **Background** | The protein encoded by this gene is an alkaline phosphatase; a metalloenzyme that catalyzes the hydrolysis of phosphoric acid monoesters. It belongs to a multigene family composed of four alkaline phosphatase isoenzymes. The enzyme functions as a homodimer and has a catalytic site containing one magnesium and two zinc ions; which are required for its enzymatic function. One of the main sources of this enzyme is the liver; and thus; it's one of several indicators of liver injury in different clinical conditions. In pregnant women; this protein is primarily expressed in placental and endometrial tissue; however; strong ectopic expression has been detected in ovarian adenocarcinoma; serous cystadenocarcinoma; and other ovarian cancer cells. [provided by RefSeq; Aug 2020] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |
| **DIMA Disclaimer** | All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr |

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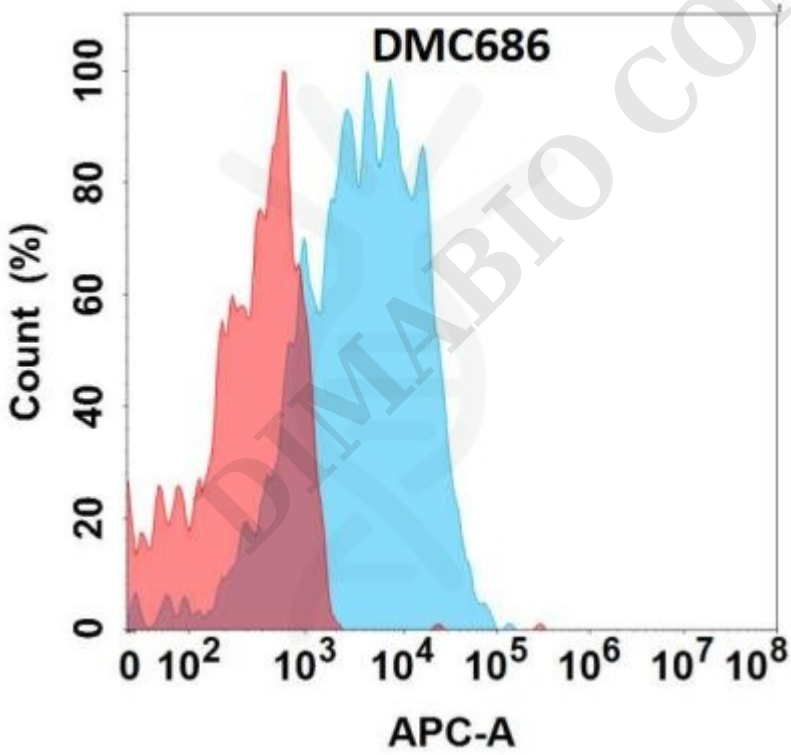



Figure 1. Flow cytometry analysis with Anti-ALPP(DMC686) on HEK293 cells transfected with human ALPP(Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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