

PRODUCT INFORMATION

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| Clone ID | 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 |



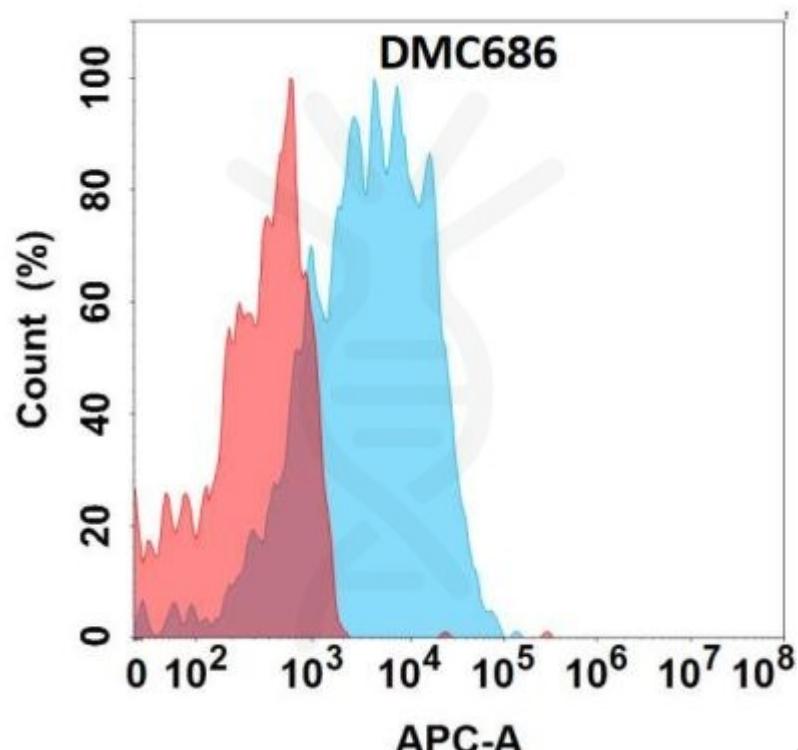


Figure 1. Flow cytometry analysis with Anti-ALPP(DMC686) on HEK293 cells transfected with human ALPP(Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

