

## PRODUCT INFORMATION

<b>Clone ID</b>	DMC686
<b>Target</b>	ALPP
<b>Synonyms</b>	ALP; ALPI; IAP; PALP; PLAP; PLAP-1
<b>Host Species</b>	Rabbit
<b>Description</b>	PE-conjugated Anti-ALPP antibody(DMC686); IgG1 Chimeric mAb
<b>Delivery</b>	3-4 weeks
<b>Uniprot ID</b>	P05187
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	Liquid□PBS with 0.05% Proclin300, 1% BSA
<b>Storage &amp; Shipping</b>	Store at 2°C-8°C for 6 months
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	PE-conjugated

