

Placental alkaline phosphatase (PLAP) Rabbit mAb

货号: **AYM30432**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	57kDa
实测分子量	70kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA, 50% glycerol, pH7.3.
偶联物	Unconjugated
阳性对照	HeLa
细胞定位	Cell membrane, GPI-anchor, Lipid-anchor
纯化	Affinity purification

抗原信息

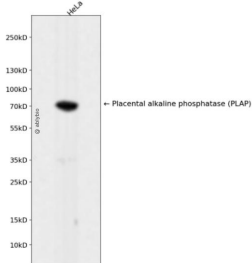
抗原信息	Recombinant fusion protein corresponding to Human Placental alkaline phosphatase (PLAP).
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靶点信息

研究背景	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. The 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.
基因ID	250

基因名	ALPP
Swiss	P05187
别名	Placental alkaline phosphatase (PLAP)

产品验证



Western blot analysis of Placental alkaline phosphatase (PLAP) expressed in HeLa using Placental alkaline phosphatase (PLAP) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit Ig G (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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