

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

36-2339: Anti-Alkaline Phosphatase (Placental) / PLAP (Germ Cell Tumor Marker) Monoclonal **Antibody(Clone: ALPP/516)**

Clonality: Monoclonal ALPP/516 **Clone Name:** Application: **ELISA** Reactivity: Human Gene: ALPP Gene ID: 250 **Uniprot ID:** P05187

Alkaline phosphatase placental type; Alkaline phosphatase Regan Isozyme; ALP; Alp1; ALPP; **Alternative Name:**

Germ-cell alkaline phosphatase; nagao Isozyme; PALP; Placental alkaline phosphatase 1;

placental heat-stable alkaline phosphatase; PLAP-1; PLAP1

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant full-length human ALPP protein

Description

PLAP is a tissue specific, trophoblast-derived, 70kDa, glycosyl-phosphatidylinositol (GPI)-anchored, dimeric, Zn2+ metalloglycoprotein that catalyzes the hydrolysis of phosphomonoesters into an inorganic phosphate and an alcohol. It is present in the placenta and serum of pregnant women and in high frequency in gynecological and testicular cancers and in lower frequency in other tumors. The three tissue-specific AP's in humans, PLAP, germ cell AP (GCAP) and intestinal AP, are 90-98% homologous. Non-tissue specific AP is found in kidney, liver and bone. This MAb binds equally well to all common allelic variants (S, F, FS and I) of PLAP and to some variants of AP from normal human testis. This MAb can be used as tracer antibody in ELISA to detect PLAP in serum of S, F, FS and I phenotypes.

Product Info

Amount: 20 μg / 100 μg

200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS Content:

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody Storage condition:

is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating, order antibody without BSA);

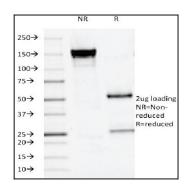


Fig. 1: SDS-PAGE Analysis Purified PLAP Mouse Monoclonal Antibody (ALPP/516). Confirmation of Integrity and Purity of Antibody.