

## Anti-PLAP [10G6D9E8] Bulk Size Ab03404-10.0-BT

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Human IgG1, Kappa

**Clone Number:** 10G6D9E8

**Alternative Name(s) of Target:** CGMCC No. 22317; Placental alkaline phosphatase; Alkaline phosphatase, placental type; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; PLAP-1; 8A9

**UniProt Accession Number of Target Protein:** P05187

**Published Application(s):** WB, IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice with PLAP.

**Specificity:** The antibody is specific for PLAP. PLAP is an allosteric enzyme that in humans is encoded by the ALPP gene.

**Application Notes:** The antibody specifically detected PLAP by Western blot analysis. The antibody 10G6D9E8 and the commercial antibody 8A9 were used to stain germ cell tumor. Results showed the antibody specificity is comparable to the commercial antibody. Further, the sensitivity of the antibody 10G6D9E8 was higher than the commercial antibody. The antibody and the commercially available antibody 8A9 were simultaneously detected on the normal tissue chip, indicating that the specificity of the antibody in normal tissue was equivalent to that of the commercially available antibody (CN114014933A).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:**

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.