



Alkaline Phosphatase Antibody

E80806-3

- Product Type:** Rabbit Polyclonal IgG, primary antibodies
- Catalog Number:** E80806-3
- Amount:** 100ul **0.47mg/ml**
- Positive control:** Hela
- Project ID:** R080618
- Molecular Wt.:** 58kDa
- Cellular Localization:** Cell Membrane or **Lipid-anchor, GPI-anchor**
- Form of Antibody:** Liquid
- Storage Buffer:** 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.
- Description:** Alkaline phosphatase (ALP) removes phosphate groups from the 5' end of DNA and RNA, and from proteins. Most mammals have 4 different isozymes: placental, placental like, intestinal and non tissue specific (found in liver, kidney and bone). Tissues with particularly high concentrations of ALP include the liver, bile ducts, placenta, and bone. Placental ALP is highly polymorphic, there are at least three common alleles. Damaged or diseased tissue releases enzymes into the blood, so serum ALP measurements can be abnormal in many conditions, including bone disease and liver disease.
- Storage/Stability:** Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
- Purity:** Affinity purified
- Recommended Dilutions:** WB: 1:500-
- Specificity/Sensitivity:** This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to the residues of ALP.
- Reactivity:** Human, Mouse,Rat
- Applications:** WB
- Swiss-Prot No.:** SwissProt P05187
- References:**
1. Ezra E., Blacher R., Udenfriend S.; "Purification and partial sequencing of human placental alkaline phosphatase."; Biochem. Biophys. Res. Commun. 116:1076-1083(1983).
 2. Garattini E., Hua J.-C., Pan Y.C.E., Udenfriend S.; "Human liver alkaline phosphatase, purification and partial sequencing: homology with the placental isozyme."; Arch. Biochem. Biophys. 245:331-337(1986).

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