

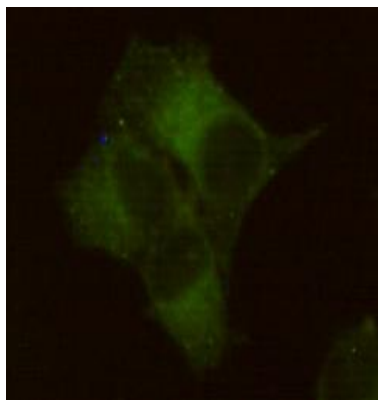


ALPP Antibody

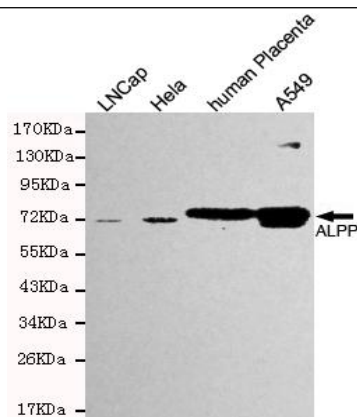
E2200780**Size** 100ug**Cat code** E2200780**Species Cross-reactivity** H**Key Application** WB: 1/500-1/2000; ELISA: 1/2000-1/5000; IHC: 1/50-1/200; ICC/FC:1:50-1/300**Host** Mouse**Antibody type** Monoclonal antibody**Purified method** Affinity purified**Isotype** IgG2b**Molecular Weight** 76kDa**Sensitivity** This antibody detects endogenous levels of ALPP and does not cross-react with related proteins.**Immunogen** Purified recombinant human ALPP protein fragments expressed in E.coli.**UniProt Number** P05187**GeneBank ID** NM_001632**Subcellular location** Cell membrane; Lipid-anchor ? GPI-anchor**Formulation** Purified mouse monoclonal in PBS(pH 7.4) containing with 0.2% sodium azide, 50% glycerol, 0.1%BSA**Altername** Alkaline phosphatase Regan isozyme;Placental alkaline phosphatase 1**Gene_symbol** ALP; PALP; PLAP; PLAP-1**UniPort summary Function** null

Entrez summary There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The first three are located together on chromosome 2 while the tissue non-specific form is located on chromosome 1. The product of this gene is a membrane bound glycosylated enzyme, also referred to as the heat stable form, that is expressed primarily in the placenta although it is closely related to the intestinal form of the enzyme as well as to the placental-like form. The coding sequence for this form of alkaline phosphatase is unique in that the 3' untranslated region contains multiple copies of an Alu family repeat. In addition, this gene is polymorphic and three common alleles (type 1, type 2 and type 3) for this form of alkaline phosphatase have been well characterized.

For Research Use Only



Immunocytochemistry stain of HeLa using ALPP antibody (1:300).



Western blot detection of ALPP in HeLa, LNCap, human Placenta & A549 cell lysates and using ALPP antibody (1:500 diluted). Predicted band size: 76 kDa. Observed band size: 76 kDa.