



ALPP/ALPPL2 Monoclonal Antibody

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, lgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year		
Reactivity Human; Mouse Applications WB Gene Name ALPP/ALPPL2 Protein Name Alkaline phosphatase, placental type/Alkaline phosphatase, placental-like Immunogen The antiserum was produced against synthesized peptide derived from the N-terminal region of human ALPP/ALPPL2. AA range:1-50 Specificity ALPP/ALPPL2 Monoclonal Antibody detects endogenous levels of ALPP/ALPPL2 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms ALPP; PLAP; Alkaline phosphatase, placental type; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; PLAP-1; ALPPL2; ALPPL; Alkaline phosphatase, placental-likeALP-1; Alkaline phosphatase Nagao isozyme; Germ cell alkaline phosphatase; GCAP; Placental alkaline phosphatase-like; PLAP-like Observed Band Observed Band OkD Cell Pathway Cell membrane; Lipid-anchor, GPI-anchor. Tissue Specificity Detected in placental (at protein level). catalytic activity: A phosphate monoester + H(2)O = an alcohol + phosphate. cofactor:Binds 1 magnesium ioncofactor:Binds 2 zinc ionsmiscellaneous:In most mammals there are four different isozymes: placental, placental is, bindip to polymorphic, there are at least three entry, polymorphis Here are at least three	Catalog No	BYmab-15047
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Nanjing BYabscience technology Co.,Ltd



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family., subunit: Homodimer.,

Background

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. [provided by RefSeq, Jan 2015],

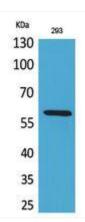
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ALPP/ALPPL2 Monoclonal Antibody

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