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PLAP Mouse mAb

Catalog # AP96687

Product Information

Application	WB, IHC-P, IF, IP
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	58 KDa
Physical State	Liquid
Immunogen	Recombinant human ALPP protein
Isotype	IgG2a, κ
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the alkaline phosphatase family.
SUBUNIT	Homodimer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq, Jul 2008]

Additional Information

Other Names	ALP; ALPI; IAP; PALP; PLAP; PLAP-1; PPB1_HUMAN; ALPP; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1 (PLAP-1); 3.1.3.1; alkaline phosphatase, placental; alkaline phosphatase, placental (Regan isozyme); Regan isozyme; placental alkaline phosphatase
Dilution	WB=1:50-1000,IHC-P=1:50-500,IF=1:50-100,IP=1:20-100
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	PLAP Mouse mAb

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.