Mouse anti-Human ALPP Monoclonal Antibody | anti-ALPP antibody

ALPP (Placental alkaline phosphatase, PLAP) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA111289	**Mouse**	**Human**	**Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

ALPP; Monoclonal Antibody; ALPP (Placental alkaline phosphatase; PLAP) Antibody; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; ALP; PALP; PLAP; PLAP-1; anti-ALPP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Specificity	This antibody detects endogenous levels of ALPP and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in PBS(pH 7.4)containing with 0.2% sodium azide, 50% glycerol, 0.1%BSA.
Sequence Length	535
Applicable Applications for anti-ALPP antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Purified recombinant human ALPP protein fragments expressed in E Coli.
Cellular Localization	Nucleus

IMAGES

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

Application Data
Immunocytochemistry stain of Hela using ALPP antibody (1:300).

ADDITIONAL INFORMATION

Related Product Information for anti-ALPP antibody	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.

Product Categories/Family for anti-ALPP antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	94721246
NCBI GeneID	250
NCBI Accession #	NP_001623.3
NCBI GenBank Nucleotide #	NM_001632
UniProt Accession #	P05187; P05188; P06861; Q53S78; Q96DB7
Molecular Weight	76kDa
NCBI Official Full Name	alkaline phosphatase, placental type preproprotein
NCBI Official Synonym Full Names	alkaline phosphatase, placental
NCBI Official Symbol	ALPP
NCBI Official Synonym Symbols	ALP; PALP; PLAP; PLAP-1
NCBI Protein Information	alkaline phosphatase, placental type
UniProt Protein Name	Alkaline phosphatase, placental type
UniProt Gene Name	**ALPP**
UniProt Synonym Gene Names	PLAP; PLAP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/alpp-antibody-immunocytochemistry-western-blot-elisa/111289