

Mouse anti-Human Placental alkaline phosphatase Monoclonal Antibody | anti-ALPP antibody

Placental alkaline phosphatase (PLAP) Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300841	Mouse	Human	Immunocytochemistry, Western Blot

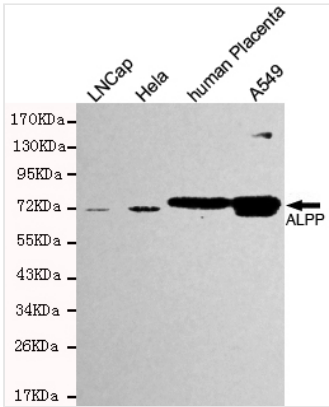
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

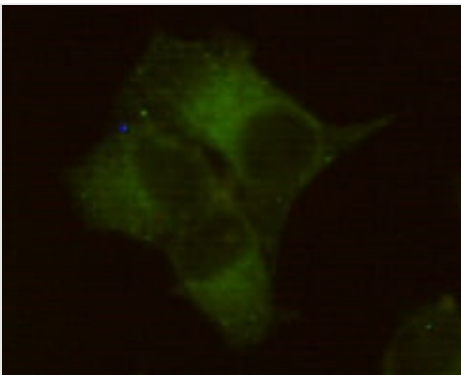
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	8F10-2C10-C9
Specificity	This antibody detects endogenous levels of ALPP and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.2% sodium azide, 50% glycerol, 0.1%BSA
Sequence Length	535
Applicable Applications for anti-ALPP antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Purified recombinant human ALPP protein fragments expressed in E Coli.
Target Name	Placental alkaline phosphatase(PLAP)
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

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



ICC (Immunocytochemistry)

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	94721246
NCBI GeneID	250
NCBI Accession #	NP_001623.3
NCBI GenBank Nucleotide #	NM_001632.4
UniProt Accession #	P05187; P05188; P06861; Q53S78; Q96DB7
Molecular Weight	57,954 Da
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
UniProt Entry Name	PPB1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/placental-alkaline-phosphatase-antibody-clone-8f10-2c10-c9-immunocytochemistry-western-blot-elisa/300841>