Placental alkaline phosphatase (PLAP) Monoclonal Antibody

Catalog No: #27192

Package Size: #27192-1 50ul #27192-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

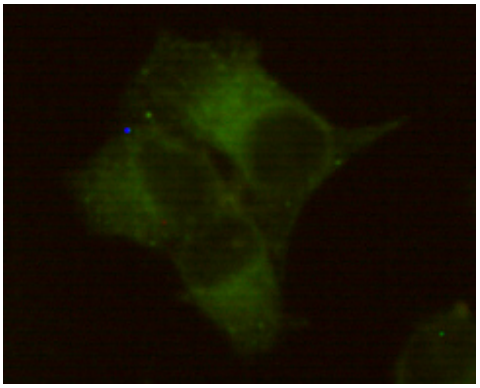
Product Name	Placental alkaline phosphatase (PLAP) Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	8F10-2C10-C9
Isotype	IgG2b
Purification	Affinity purified
Applications	WB ICC
Species Reactivity	Hu
Specificity	This antibody detects endogenous levels of ALPP and does not cross-react with related proteins.
Immunogen Type	Recombinant Protein
Immunogen Description	Purified recombinant human ALPP protein fragments expressed in E.coli.
Target Name	Placental alkaline phosphatase(PLAP)
Other Names	Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1;
Accession No.	Uniprot: P05187 Gene ID: 250
Uniprot	P05187
GeneID	250;
SDS-PAGE MW	76kd
Formulation	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.2% sodium azide, 50% glycerol, 0.1%BSA
Storage	store at -20Λ C

Application Details

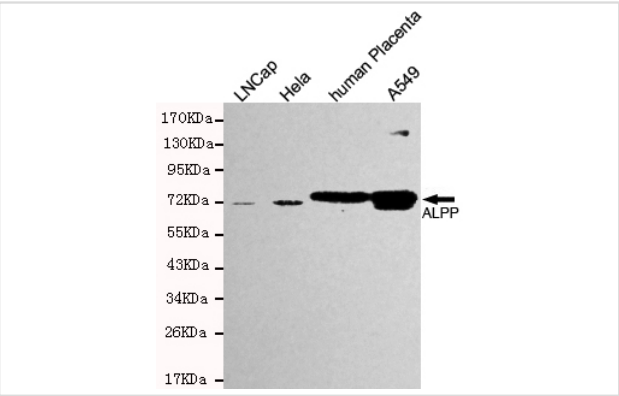
Western blotting: 1:500

Immunocytochemistry: 1:300

Images



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: 76KDa Observed band size:76KDa

Background

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.

Note: This product is for in vitro research use only