

Anti-ALPPL2 Antibody

Catalog # AP95667

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	P10696
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	57377

Additional Information

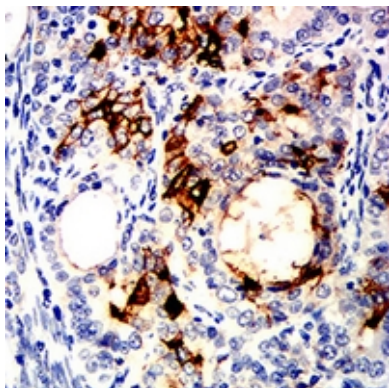
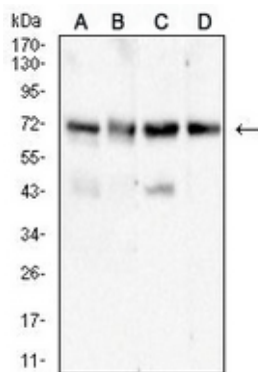
Gene ID	251
Other Names	ALPPL; Alkaline phosphatase, placental-like; ALP-1; Alkaline phosphatase Nagao isozyme; Germ cell alkaline phosphatase; GCAP; Placental alkaline phosphatase-like; PLAP-like
Target/Specificity	Recombinant fusion protein of human ALPPL2 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200) IF/IC~~N/A
Format	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

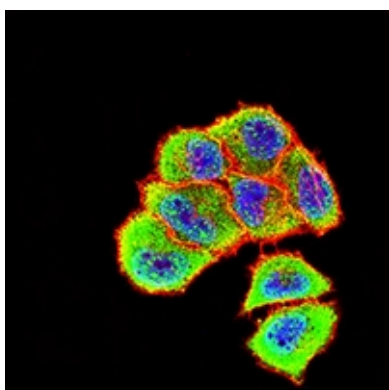
Name	ALPG (HGNC:441)
Function	Alkaline phosphatase that can hydrolyze various phosphate compounds.
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor.
Tissue Location	Trace amounts in the testis and thymus, and in elevated amounts in germ cell tumors

Images

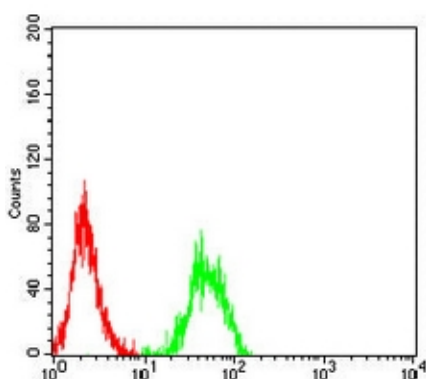
Western blot analysis of ALPPL2 expression in SKOV3 (A), Hela (B), HepG2 (C), A431 (D) whole cell lysates.
(Predicted band size: 57 kD; Observed band size: 72 kD)



Immunohistochemical analysis of ALPPL2 staining in human cervical cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of ALPPL2 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Flow cytometric analysis of Jurkat cells using Anti-ALPPL2 Antibody (green) and negative control (red).

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