

Mouse anti-Human ALPPL2 Monoclonal Antibody | anti-ALPPL2 antibody

ALPPL2 (Alkaline Phosphatase, Placental-like, ALP-1, Alkaline Phosphatase Nagao Isozyme, Germ Cell Alkaline Phosphatase, GCAP, Placental Alkaline Phosphatase-like, PLAP-like, ALPPL) (HRP)

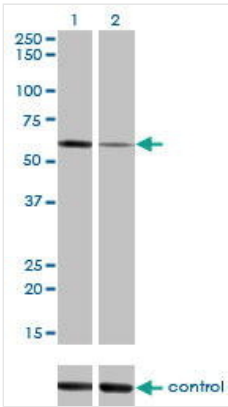
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25319	Mouse	Human	ELISA, Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

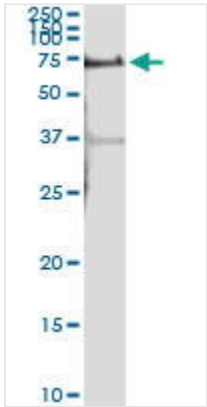
ALPPL2; Monoclonal Antibody; ALPPL2 (Alkaline Phosphatase; Placental-like; ALP-1; Alkaline Phosphatase Nagao Isozyme; Germ Cell Alkaline Phosphatase; GCAP; Placental Alkaline Phosphatase-like; PLAP-like; ALPPL) (HRP); anti-ALPPL2 antibody

PRODUCT SPECIFICATIONS

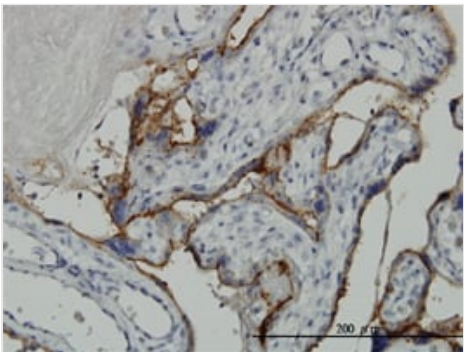
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2B3
Specificity	Recognizes human ALPPL2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-ALPPL2 antibody	ELISA, IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa365-454 from human ALPPL2 (NP_112603) with GST tag. MW of the GST tag alone is 26kD.
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



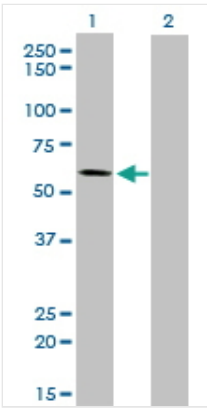
WB (Western Blot)
Western blot analysis of ALPPL2 over-expressed 293 cell line, cotransfected with ALPPL2 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with ALPPL2 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



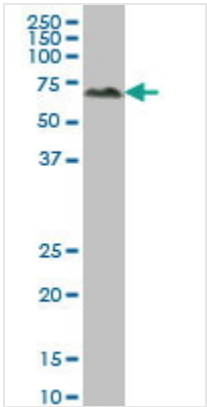
IP (Immunoprecipitation)
Immunoprecipitation of ALPPL2 transfected lysate using ALPPL2 monoclonal antibody and Protein A Magnetic Bead and immunoblotted with ALPPL2 rabbit polyclonal antibody.



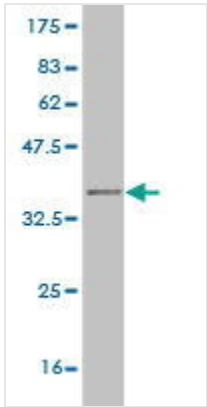
IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to ALPPL2 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3ug/ml].



WB (Western Blot)
Western Blot analysis of ALPPL2 expression in transfected 293T cell line by ALPPL2 monoclonal antibody Lane 1: ALPPL2 transfected lysate (57.5kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
ALPPL2 monoclonal antibody Western Blot analysis of ALPPL2 expression in A-431.



WB (Western Blot)
Western Blot detection against Immunogen (35.64kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-ALPPL2 antibody	Antibodies; Enzymes; Phosphatase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157266296
NCBI GeneID	251
NCBI Accession #	NP_112603
NCBI GenBank Nucleotide #	NM_031313
UniProt Accession #	P10696
Molecular Weight	59kDa
NCBI Official Full Name	alkaline phosphatase, germ cell type preproprotein
NCBI Official Synonym Full Names	alkaline phosphatase, germ cell
NCBI Official Symbol	ALPG
NCBI Official Synonym Symbols	GCAP; ALPPL; ALPPL2
NCBI Protein Information	alkaline phosphatase, germ cell type
UniProt Protein Name	Alkaline phosphatase, placental-like
UniProt Gene Name	ALPPL2
UniProt Synonym Gene Names	ALPPL; GCAP; PLAP-like
UniProt Entry Name	PPBN_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/alppl2-antibody-clone-2b3-immunohistochemistry-immunoprecipitation-western-blot-elisa/25319>