

Mouse anti-Human Placental Alkaline Phosphatase Antibody | anti-ALPP antibody

Anti-Human Placental Alkaline Phosphatase Antibody Purified

CATALOG # AAA267868	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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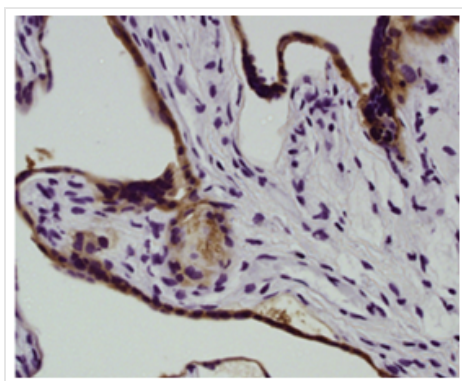
PRODUCT SYNONYMS

Placental Alkaline Phosphatase; Anti-Human Placental Alkaline Phosphatase Antibody Purified; anti-ALPP antibody

PRODUCT SPECIFICATIONS

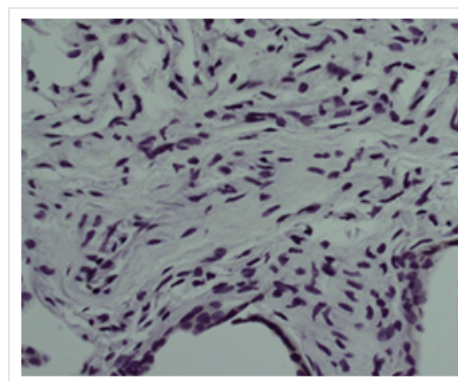
Host	Mouse
Reactivity	Human
Isotype	IgG2a
Clone Number	4AH7E8
Form/Format	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide
Sequence Length	530
Applicable Applications for anti-ALPP antibody	IHC (Immunohistochemistry), ELISA
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry on formalin-fixed paraffin embedded human placenta using 5 ug/mL Mouse IgG2a Isotype Control (cat. 14-4724) (left) or 5 ug/mL Anti-Human Placental Alkaline Phosphatase Purified (right) followed by biotinylated Anti-Mouse IgG, and DAB visualization. Nuclei are counterstained with hematoxylin.



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-ALPP antibody

The monoclonal antibody 4AH7E8 recognizes human Placental Alkaline Phosphatase (PLAP), a 130 (or 130 with 65 kDa) enzyme expressed by placental syncytiotrophoblastoid cells. This enzyme has slightly different enzyme kinetics from other phosphatases. PLAP can be found anchored to the plasma membrane in addition to the cytoplasm. Expression is found in several germ line cancers; ovarian and testicular. Expression is also present in human embryonic stem cells and bone marrow-derived mesenchymal stromal cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	178464
NCBI GeneID	250
Molecular Weight	57,954 Da
NCBI Official Full Name	placental alkaline phosphatase
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/mouse-human-antibody/placental-alkaline-phosphatase/267868>