

Mouse PLACENTAL ALKALINE PHOSPHATASE Monoclonal Antibody | anti-ALPP antibody

MOUSE ANTI HUMAN PLACENTAL ALKALINE PHOSPHATASE

CATALOG # AAA49326	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

PLACENTAL ALKALINE PHOSPHATASE; Monoclonal Antibody; MOUSE ANTI HUMAN PLACENTAL ALKALINE PHOSPHATASE; anti-ALPP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	H17E2
Specificity	This item recognises human placental alkaline phosphate, a 67kD isoform expressed in trophoblast cells of normal human placenta, in seminomas and in ovarian carcinoma. The H17E2 antibody has been widely used in immunolocalisation studies of germ cell tumours and may also be used in ELISA based assays for the measurement of soluble PLAP.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	535
Applicable Applications for anti-ALPP antibody	FCM/FACS (Flow Cytometry), ELISA, IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.
Immunogen	Placental membrane
Histology Positive Control Tissue	Placenta, seminoma
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-ALPP antibody	MBS212484 recognises human placental alkaline phosphate, a 67kD isoform expressed in trophoblast cells of normal human placenta, in seminomas and in ovarian carcinoma. The H17E2 antibody has been widely used in immunolocalisation studies of germ cell tumours and may also be used in ELISA based assays for the measurement of soluble PLAP.
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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; alkaline phosphatase Regan isozyme; alkaline phosphomonoesterase; glycerophosphatase; placental alkaline phosphatase 1
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-h17e2-flow-cytometry-immunohistochemistry-elisa/49326>