

Mouse Alkaline Phosphatase Monoclonal Antibody | anti-ALPL antibody

Alkaline Phosphatase antibody

CATALOG # AAA74527	HOST Mouse	REACTIVITY Human alkaline phosphatase
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PRODUCT SYNONYMS

Alkaline Phosphatase; Monoclonal Antibody; Alkaline Phosphatase antibody; Monoclonal Alkaline Phosphatase; Anti-Alkaline Phosphatase; AP; Alk Phos; anti-ALPL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human alkaline phosphatase
Clonality	Monoclonal
Isotype	IgG1
Clone Number	M39282
Specificity	Human alkaline phosphatase
Purity/Purification	Chromatographically purified IgG
Form/Format	Supplied in PBS, pH 7.5, with 0.1% NaN ₃ .
Concentration	2.8mg/mL by OD280nm (varies by lot)
Sequence Length	524
Biological Significance	Alkaline phosphatase is a hydrolase enzyme responsible for removing phosphate groups from many types of molecules, including nucleotides, proteins, and alkaloids. The process of removing the phosphate group is called dephosphorylation. As the name suggests, alkaline phosphatases are most effective in an alkaline environment. It is sometimes used synonymously as basic phosphatase.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	Alkaline phosphatase from human placenta
Preparation and Storage	4°C short term, -20°C long term.

ADDITIONAL INFORMATION

Related Product Information for anti-ALPL antibody	Mouse monoclonal Alkaline Phosphatase antibody
Product Categories/Family for anti-ALPL antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	178462
NCBI GeneID	249
UniProt Accession #	P05186; O75090; Q2TAI7; Q59EJ7; Q5BKZ5; Q5VTG5; Q6NZI8; Q8WU32; A1A4E7; B2RMP8; B7Z387; B7Z4Y6

NCBI Official Full Name	alkaline phosphatase
NCBI Official Synonym Full Names	alkaline phosphatase, liver/bone/kidney
NCBI Official Symbol	ALPL
NCBI Official Synonym Symbols	HOPS; TNAP; APTNAP; TNSALP; AP-TNAP
NCBI Protein Information	alkaline phosphatase, tissue-nonspecific isozyme
UniProt Protein Name	Alkaline phosphatase, tissue-nonspecific isozyme
UniProt Gene Name	ALPL
UniProt Synonym Gene Names	AP-TNAP; TNSALP
UniProt Entry Name	PPBT_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/alkaline-phosphatase-antibody-clone-m39282-elisa/74527>