Mouse Alkaline Phosphatase Monoclonal Antibody | anti-ALPL antibody

Alkaline Phosphatase antibody

CATALOG #	HOST	APPLICATIONS
AAA106489	**Mouse**	**ELISA**

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
Clonality	Monoclonal
Isotype	IgG1
Clone Number	M1202108
Specificity	Alkaline Phosphatase
Purity/Purification	> 90% pure Alkaline Phosphatase antibody was purified by Ion exchange chromatography.
Form/Format	Supplied in PBS with 0.09% sodium azide as preservative
Concentration	9.62mg/ml (varies by lot)
Sequence Length	524
Applicable Applications for anti-ALPL antibody	ELISA
Biological Significance	Alkaline phosphatase (ALP, ALKP) 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.
Isoelectric Point	7.2
Immunogen	Alkaline Phosphatase antibody was raised in mouse using Alkaline Phosphatase from bovine intestinal mucose Type VII-N as the immunogen.
Cross Reactivity	Specific for alkaline phosphatase
Preparation and Storage	Store at 4°C for short term storage. For long term storage, store at -20°C.

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-m1202108-elisa/106489