

Rabbit anti-Human, Rat Alkaline Phosphatase Monoclonal Antibody | anti-ALPL antibody

Recombinant Alkaline Phosphatase Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178832	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

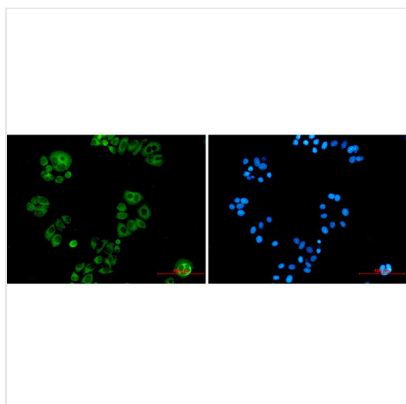
PRODUCT SYNONYMS

Alkaline Phosphatase; Monoclonal Antibody; Recombinant Alkaline Phosphatase Monoclonal Antibody; AKP2; Alkaline phosphatase liver/bone/kidney; Alkaline phosphatase liver/bone/kidney isozyme; Alkaline phosphatase tissue nonspecific isozyme; Alkaline phosphatase; tissue-nonspecific isozyme; Alkaline phosphomonoesterase; Alpl; AP TNAP; AP-TNAP; APTNAP; BAP; FLJ40094; FLJ93059; Glycerophosphatase; HOPS; Liver/bone/kidney type alkaline phosphatase; MGC161443; MGC167935; PHOA; PPBT; Tissue non specific alkaline phosphatase; Tissue nonspecific ALP; TNAP; TNSALP; anti-ALPL antibody

PRODUCT SPECIFICATIONS

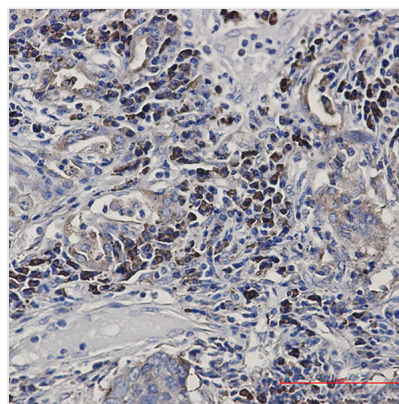
Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R08-6H0
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-ALPL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Alkaline Phosphatase, Tissue Non-Specific
Research Area	Cancer, Cell Biology, Tags and Cell Markers
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



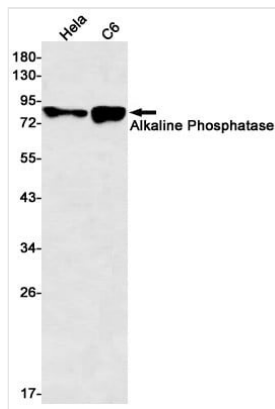
IF (Immunofluorescence)

Immunofluorescence of Alkaline Phosphatase, Tissue Non-Specific (green) in hela using Alkaline Phosphatase, Tissue Non-Specific Rabbit mAb at dilution 1:50, and DAPI(blue



IHC (Immunohistochemistry)

Immunohistochemistry of Alkaline Phosphatase, Tissue Non-Specific in paraffin-embedded Human lung cancer tissue using Alkaline Phosphatase, Tissue Non-Specific Rabbit mAb at dilution 1:50



WB (Western Blot)
 Western blot detection of Alkaline Phosphatase in HeLa,C6 cell lysates using Alkaline Phosphatase Rabbit mAb(1:500 diluted).Predicted band size:57kDa.Observed band size:80kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ALPL antibody	There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The first three are located together on chromosome 2, while the tissue non-specific form is located on chromosome 1. The product of this gene is membrane bound glycosylated enzyme that is not expressed in any particular tissue and is, therefore, referred to as the tissue-nonspecific form of the enzyme. The exact physiological function of the alkaline phosphatases is not known. A proposed function of this form of the enzyme is matrix mineralization; however, mice that lack a functional form of this enzyme show normal skeletal development. This enzyme has been linked directly to hypophosphatasia, a disorder that is characterized by hypercalcemia and includes skeletal defects. The character of this disorder can vary, however, depending on the specific mutation since this determines age of onset and severity of symptoms. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-ALPL antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	116734717
NCBI GeneID	249
NCBI Accession #	NP_000469.3
NCBI GenBank Nucleotide #	NM_000478.4
UniProt Accession #	P05186; O75090; Q2TAI7; Q59EJ7; Q5BKZ5; Q5VTG5; Q6NZI8; Q8WU32; A1A4E7; B2RMP8; B7Z387; B7Z4Y6
Molecular Weight	57kDa
NCBI Official Full Name	alkaline phosphatase, tissue-nonspecific isozyme isoform 1
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; glycerophosphatase; tissue-nonspecific ALP; alkaline phosphomonoesterase; liver/bone/kidney-type alkaline phosphatase; alkaline phosphatase liver/bone/kidney isozyme
UniProt Protein Name	Alkaline phosphatase, tissue-nonspecific isozyme
UniProt Gene Name	ALPL
UniProt Synonym Gene Names	AP-TNAP; TNSALP

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/monoclonal/alkaline-phosphatase-antibody-clone-r08-6h0-immunofluorescence-immunohistochemistry-western-blot-elisa/178832>