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- Diagnostik & molekulare Diagnostik
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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ALPL recombinant monoclonal antibody

Catalog Number: RAB02627

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human ALPL.

Immunogen: Original antibody is raised against KLH conjugated synthetic peptide derived from human ALPL: 18-50.

Theoretical MW (kDa): 57

Antibody Species: Rabbit

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: This antibody detects endogenous levels of TNAP and does not cross-react with related proteins.

Form: Liquid

Purification: Protein A purification

Concentration: 1 mg/ml

Isotype: IgG

Recommend Usage: Flow Cytometry (1:10-1:100)
Immunocytochemistry (1:50-1:200)
Immunohistochemistry (1:50-1:200)
Immunoprecipitation (1:50-1:200)
Western Blot (1:1000-1:5000)

Storage Buffer: In PBS, pH7.2 (0.02% sodium azide and 50% glycerol)

Storage Instruction: Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Entrez GeneID: 249

Gene Symbol: ALPL

Gene Alias: AP-TNAP, FLJ40094, FLJ93059, HOPS, MGC161443, MGC167935, TNAP, TNSALP

Gene Summary: 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 a 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, which encode the same protein, have been identified for this gene. [provided by RefSeq]