

Product Datasheet

Alkaline Phosphatase Antibody

Catalog No: CY5421

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC IP FC



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Information

UniProt ID: P05186

All Names: Alkaline phosphatase, tissue-nonspecific isozyme; AP-TNAP; TNSALP; Alkaline phosphatase liver/bone/kidney isozyme; ALPL;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 57 kDa

Application

WB: 1:5000~1:10000

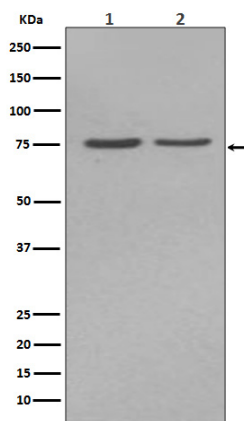
IHC: 1:50~1:200

ICC: 1:50~1:200

IP: 1:50

Background

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.



Western blot analysis of Alkaline Phosphatase expression in (1)HepG2 cell lysate; (2)JAR cell lysate.

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