



Datasheet for ABIN94942

anti-Alkaline Phosphatase antibody



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2 Publications

Overview

Quantity:	2 mL
Target:	Alkaline Phosphatase (ALP)
Reactivity:	E. coli
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Alkaline Phosphatase antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Alkaline Phosphatase [E.coli] Immunogen type: Native
Characteristics:	Concentration Definition: by Refractometry

Target Details

Target:	Alkaline Phosphatase (ALP)
Alternative Name:	Alkaline Phosphatase (ALP Products)

Background: Alkaline Phosphatase is an enzyme that is key in the hydrolysis of many different types of molecules, resulting in the removal of phosphate groups from said molecule. Most active in basic environments and a common serum analyte, alkaline phosphatase and its isoenzymes are good indicators of bone, liver, and testicular diseases/cancers in immunoassays and diagnostics. Anti-Alkaline Phosphatase (E. Coli) Antibody is ideal for investigators in Cancer,

Target Details

Immunology, and Molecular Biology.

Synonyms: Akp2 antibody, ALP antibody, Nagao isozyme antibody, Placental alkaline phosphatase antibody, Placental like alkaline phosphatase antibody, PLAP 1 antibody, PLAP like antibody, Regan isozyme antibody, Kasahara isozyme antibody

Gene ID: 945041

UniProt: [P00634](#)

Application Details

Application Notes: Anti-Alkaline Phosphatase (E. Coli) Antibody has been assayed against 1.0 ug of Alkaline Phosphatase [E.coli] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] Goat) and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for Anti-Alkaline Phosphatase (E. Coli) Antibody.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Restore with deionized water (or equivalent)

Concentration: 75 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Publications

Product cited in: Yu, Pollock, Duval, Lewis, Joseph, Meade, Cavacini: "Neutralization of HIV by milk expressed antibody." in: **Journal of acquired immune deficiency syndromes (1999)**, Vol. 62, Issue 1, pp. 10-6, (2013) ([PubMed](#)).