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Datasheet for ABIN1607769

anti-Acid Phosphatase antibody (Biotin)

1 Image

Overview

Quantity:	100 µg
Target:	Acid Phosphatase (ACP)
Reactivity:	Potato
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acid Phosphatase antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Acid Phosphatase [Potato] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Acid Phosphatase from other sources is unknown.
Purification:	Acid Phosphatase is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Rabbit Serum as well as purified and partially purified Acid Phosphatase [Potato].
Endotoxin Level:	Low Endotoxin : No

Target Details

Target:	Acid Phosphatase (ACP)
Alternative Name:	Acid Phosphatase (ACP Products)
Background:	Acid Phosphatase is an enzyme which facilitates hydrolysis of alcohol groups on phosphate esters. Anti-Acid Phosphatase antibodies are ideal for investigators interested in Cancer, Enzyme, Cell Biology, and Cell Cycle Research. Synonyms: Acid phosphatase 1 soluble antibody, Acid phosphatase of erythrocyte antibody, Adipocyte acid phosphatase antibody, Cytoplasmic phosphotyrosyl protein phosphatase antibody, HAAP antibody
UniProt:	Q6J5M8

Application Details

Application Notes:	Anti-Acid Phosphatase Biotin Conjugated Antibody has been assayed against 1.0 µg of Acid Phosphatase in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:8.000 to 1:32.000 of the reconstitution concentration is suggested for this product. ELISA Dilution: 1:4.000 - 1:20.000 Western Blot Dilution: 1:500 - 1:2.000
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Restrictions:	For Research Use only
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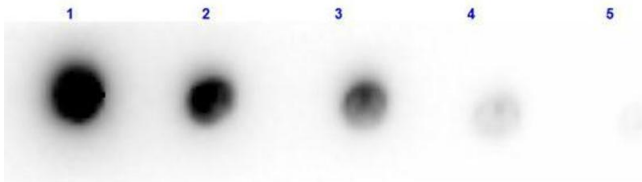
Handling

Format:	Liquid
Concentration:	10 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store vial at -20 °C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.

Handling

Expiry Date: Expiration date is one (1) year from date of opening.

Images



Dot Blot

Image 1. Dot Blot results of Rabbit Anti-Acid Phosphatase Biotin Conjugated. Antigen: Acid Phosphatase. Blot loaded at 3 fold dilution: 1. 100ng, 2. 33.3ng, 3. 11.1ng, 4. 3.70ng, 5. 1.23ng. Blocking: ABIN925618 Buffer for 30 minutes at RT. Primary Antibody: Rabbit Anti-Acid Phosphatase Biotin 10µg/mL for 1hr at RT. Secondary Antibody: Streptavidin-HRP at 1:40,000 for 30min at RT. Imaging System ChemiDoc, Filter used: Chemi.