

Product Datasheet

Acid Phosphatase Antibody Biotin Conjugated (orb344937)

Description	Acid Phosphatase antibody (Biotin)
Species/Host	Rabbit
Reactivity	Plant
Conjugation	Biotin
Tested Applications	DOT
Immunogen	Acid Phosphatase [Potato]
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Storage	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note	For research use only
Application notes	Anti-Acid Phosphatase Biotin Conjugated Antibody has been tested by dot blot and is suitable to be assayed against 1.0 ug 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.
Isotype	IgG

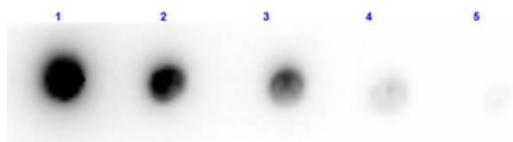
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Clonality	Polyclonal
Antibody Type	Primary Antibody
Purity	Acid Phosphatase is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed 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]. Cross reactivity against Acid Phosphatase from other sources is unknown.
Uniprot ID	Q6J5M8
NCBI	AAT37528.1
Dilution Range	WB: User Optimized
Expiration Date	12 months from date of receipt.



Dot Blot results of Rabbit Anti-Acid Phosphatase Biotin Conjugated. Antigen: Acid Phosphatase. Blot loaded at 3 fold dilution: 1. 100 ng, 2. 33.3 ng, 3. 11.1 ng, 4. 3.70 ng, 5. 1.23 ng. Blocking: orb348637 Buffer for 30 minutes at RT. Primary Antibody: Rabbit Anti-Acid Phosphatase Biotin 10 µg/ml for 1hr at RT. Secondary Antibody: Streptavidin-HRP (p/n orb348767) at 1:40000 for 30 min at RT.

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