

Product datasheet for **TA397034S**

BMY1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	WB: 1:500 - 1:3,000 ELISA: 1:5,000 - 1:25,000
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Beta Amylase [Sweet Potato]
Specificity:	Anti-Beta Amylase 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 b-Amylase [Sweet Potato]. Cross reactivity against b-Amylase from other sources may occur but have not been specifically determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/mL - lot specific
Conjugation:	Biotin
Storage:	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. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	P10537
Background:	Anti-Beta Amylase antibody works through the hydrolysis of 1,4 alpha-D-glucosidic linkages in polysaccharides to remove successive maltose units from the non-reducing ends of the chains. Anti-Beta Amylase is often used in the structural analysis of starch and glycogen and is found in the cytoplasmic region. Anti-Beta Amylase antibody is ideal for researchers interested in Metabolism, Signal Transduction, and Cell Biology research.



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Synonyms: rabbit anti-Beta Amylase Antibody biotin Conjugation, biotin conjugated rabbit anti-Beta Amylase Antibody, 1-4 alpha D glucan maltohydrolase antibody, 14 alpha D glucan maltohydrolase antibody, AMYB antibody, BMY1 antibody

Note: Anti-Beta Amylase Biotin Conjugated Antibody has been tested by dot blot and western blot. This product is assayed against 1.0 ug of b-Amylase 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 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.

Product images:



Dot Blot results of Rabbit Anti-Beta Amylase Biotin Conjugated. Antigen: Beta Amylase. Blot loaded at 3 fold dilution: 1. 100ng, 2. 33.3ng, 3. 11.1ng, 4. 3.70ng, 5. 1.23ng. Blocking: MB-070 Buffer for 30 minutes at RT. Primary Antibody: Rabbit Anti-Beta Amylase Biotin 1µg/mL for 1hr at RT. Secondary Antibody: Goat anti-Rabbit HRP (p/n 611-103-122) at 1:70,000 for 30min at RT. Imaging System ChemiDoc, Filter used: Chemi.