

## Product datasheet for **TA397033**

### **BMY1 Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, WB
<b>Recommended Dilution:</b>	<b>WB:</b> 1:500 - 1:3,000 <b>ELISA:</b> 1:5,000 - 1:25,000
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Beta Amylase [Sweet Potato]
<b>Specificity:</b>	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.
<b>Formulation:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Method:</b>	Restore with deionized water (or equivalent) - Reconstitution Volume: 100 µL
<b>Concentration:</b>	1.0 mg/mL - lot specific
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	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.
<b>Stability:</b>	Expiration date is one (1) year from date of receipt.
<b>Database Link:</b>	<a href="#">P10537</a>
<b>Background:</b>	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.