

Polyclonal Antibody to Trypsinogen - Biotin

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| Catalog No.: | R1116B |
| Quantity: | 10 mg |
| Concentration: | 10.0 mg/ml (by UV absorbance at 280 nm) |
| Host: | Rabbit |
| Immunogen: | Trypsinogen [Bovine Pancreas]. |
| Format: | State: Lyophilized purified Ig fraction. Purification: Multistep process. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) sodium azide as a preservative and 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer. Label: Biotin – Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) <i>Molar Ratio:</i> 10-20 BAC molecules per Rabbit IgG molecule. Reconstitution: Restore with 1.0 ml of deionized water (or equivalent). |
| Applications: | Immunoblotting, ELISA, immunohistochemistry, immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency. Recommended Dilutions: This product has been assayed against 1.0 ug of Trypsinogen in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This product 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 Trypsinogen [Bovine Pancreas]. Cross reactivity against Trypsinogen from other sources may occur but has not been specifically determined. |

- Storage:** Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature.
This antibody is stable for one month at 2-8°C as an undiluted liquid.
Dilute only prior to immediate use.
Avoid repeated freezing and thawing.
Shelf life: One year from despatch.
- General Readings:** Bayer & Wilchek Methods in Enzymology 184; 138-160, 1990. (Conjugation)