



**Category:** Monoclonal Antibodies      **Cat. #** V7066      **Product Name:** Insulin - Concentrated - Clone B453

**Description:**  
Monoclonal Mouse Anti-Porcine Insulin

**Immunogen:**  
Swine insulin.

**Application:**  
Immunohistochemistry 1:50-1:100 formalin-fixed paraffin-embedded tissue sections.  
The optimum conditions should be determined by the individual lab.

**Species Reactivity:**  
Human, Bovine, Porcine, Rabbit, Rat. Others not tested.

**Recommended Positive Control:**  
Pancreas Tissue

**Presentation:**  
20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

**Aliquoting Instructions:**  
Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies.

**Staining Procedure:**  
The antibody may be used at a dilution of 1:50-1:100 with AutoProbe III. The optimal conditions should be determined by the individual laboratory.

**Specificity:**  
This antibody reacts with insulin. Insulin is made up of two chains: one of 21 amino acids and the other of 30 amino acids.

**Storage:**  
Store at 2~8°C for short term, freeze under -20°C for long term storage

**Size:** 0.2mg  
**Clone:** B453 (E2-E3)  
**Isotype:** IgG1  
**Host:** Mouse  
**Form:** Purified  
**Concentration:** 0.5 mg/ml  
**Units On Hand:** YES

**References:**  
1. Colvin, B. et al, Diagnostic Immunopathology, Raven Press, New York, 200, 1988.

**For Research Use Only**

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