

# INS monoclonal antibody, clone E2-E3

Catalog # MAB5201

Size 100 ug

## Specification

**Product Description** Mouse monoclonal antibody raised against INS.

**Immunogen** Pig insulin.

**Host** Mouse

**Reactivity** Bovine, Human, Pig

**Specificity** Insulin is a protein consisting of an alpha-chain of 21 amino acids and a beta-chain of 30 amino acids and produced in the beta-cells of the pancreas. E2-E3 is a specific insulin antibody as tested by E LISA and on human pancreatic tissue. The mouse spleen cells were fused with SP2/0 Ag14 cells and the clones were selected on anti-insulin activity.

**Form** Liquid

**Isotype** IgG1

**Recommend Usage** The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS (0.05% sodium azide)

**Storage Instruction** Store at 4°C.

**Note** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Enzyme-linked Immunoabsorbent Assay

## Gene Info — INS

|                    |                           |
|--------------------|---------------------------|
| Entrez GeneID      | <a href="#">397415</a>    |
| Gene Name          | INS                       |
| Gene Alias         | -                         |
| Gene Description   | insulin                   |
| Gene Ontology      | <a href="#">Hyperlink</a> |
| Other Designations | preproinsulin proinsulin  |