# INS monoclonal antibody, clone E2-E3

Catalog # MAB5201 Size 100 ug

## Specification

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| **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 ELISA 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

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|---|---|
| **Entrez GeneID** | 397415 |
| **Gene Name** | INS |
| **Gene Alias** | - |
| **Gene Description** | insulin |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | preproinsulin\|proinsulin |

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