

**MOUSE ANTI-INSULIN
MONOCLONAL ANTIBODY**

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| CATALOG NUMBER: | MAB10218 | QUANTITY: | 100 µL |
| LOT NUMBER: | | CONCENTRATION: | |
| CLONE NAME: | CE9H9 | HOST/ISOTYPE: | IgG1; kappa light chain |
| BACKGROUND: | Insulin is a polypeptide hormone that regulates carbohydrate metabolism. Apart from being the primary agent in carbohydrate homeostasis, it has effects on fat metabolism. | | |
| SPECIFICITY: | The antibody binds to insulin from human, cow, pig and rabbit and to pro-insulin from cow and pig. The antibody cross-reacts with insulin from sheep, guinea pig, chicken and fish | | |
| IMMUNOGEN: | Zinc containing crystalline human insulin | | |
| APPLICATIONS: | <i>Optimal working dilutions must be determined by end user.</i> | | |
| PRESENTATION: | Liquid ascites fluid containing no preservatives. | | |
| STORAGE/HANDLING: | Maintain at -20°C for up to 12 months from date of receipt. Aliquot to prevent multiple freeze-thaw cycles. | | |
| REFERENCES: | Schroer, J A, <i>et al</i> (1983). Mapping epitopes on the insulin molecule using monoclonal antibodies. <i>Eur J Immunol</i> 13 : 693-700. | | |

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

For research use only; not for use as a diagnostic.