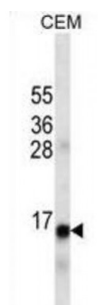


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Insulin (INS) Antibody

Catalogue No.: abx025361



After removal of the precursor signal peptide, proinsulin is post-translationally cleaved into three peptides: the B chain and A chain peptides, which are covalently linked via two disulfide bonds to form insulin, and C-peptide. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake. A multitude of mutant alleles with phenotypic effects have been identified. There is a read-through gene, INS-IGF2, which overlaps with this gene at the 5' region and with the IGF2 gene at the 3' region. Alternative splicing results in multiple transcript variants. [provided by RefSeq]. This antibody is supplied as crude ascites.

Target: INS

Reactivity: Human

Host: Mouse

Clonality: Monoclonal

Tested Applications: WB

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Human INS.

Purification: Mouse Monoclonal Antibody (Mab) supplied as crude ascites.

Isotype: IgM

Conjugation: Unconjugated

Specificity: This INS antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 35-64 amino acids from human INS.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Swiss Prot: [P01308](#)

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Buffer: Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Note: This product is for research use only.