







Insulin (DGR31615) Rabbit mAb

db13712 Package : 10μL 20μL 50μL 100μL

Product Name: Insulin (DGR31615) Rabbit mAb

Cat.No.: db13712

Synonyms: IDDM; ILPR; IRDN; IDDM1; IDDM2; PNDM4; MODY10

Application: IHC-P
Reactivity: Human
Host species: Rabbit

Background This gene encodes insulin, a peptide hormone that plays a vital role in the regulation of

carbohydrate and lipid metabolism. 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, including insulin-dependent diabetes mellitus, permanent neonatal diabetes diabetes mellitus, maturity-onset diabetes of the young type 10 and hyperproinsulinemia. 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. [provided by RefSeq, May 2020]

Immunogen A synthetic peptide of human Insulin

Gene ID 3630

Swiss Prot P01308

Synonyms IDDM; ILPR; IRDN; IDDM1; IDDM2; PNDM4; MODY10

Reactivity Human

Application IHC-P

Recommended dilution IHC-P: 1:200-1:500

Calculated MW 12 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR31615

Isotype IgG



For Research Use Only **Product Datasheet**

Purity Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.