

Recombinant**DGRmAb®****Insulin (DGR31615) Rabbit mAb (PBS Only)****db13712-PBS****Package :** 可询价**Product Name :** Insulin (DGR31615) Rabbit mAb (PBS Only)**Cat.No.:** db13712-PBS**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 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

Calculated MW

12 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR31615

Isotype

IgG

Purity

Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.