

Recombinant**DGRmAb®****Insulin (DGR12924) Rabbit mAb (PBS Only)****db15695-PBS****Package : 100µg****Product Name :** Insulin (DGR12924) Rabbit mAb (PBS Only)**Cat.No.:** db15695-PBS**Synonyms :** IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10**Application :** WB, IHC-P**Reactivity :** Human**Host species :** Rabbit**Background**

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, Jun 2010]

Immunogen

A synthetic peptide of human Insulin

Gene ID

3630

Swiss Prot

P01308

Synonyms

IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10

Reactivity

Human

Application

WB, IHC-P

Calculated MW

12 kDa

Observed MW

12 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR12924

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.