

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

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

Calculated MW

12 kDa

Observed MW

12 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR12924

Isotype

IgG

Purity	Affinity Purification
Conjugation	PBS Only
Concentration	1mg/mL
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.