

**Recombinant****DGRmAb®****Insulin (DGR11523) Rabbit mAb (PBS Only)****db12456-PBS****Package : 100µg****Product Name :** Insulin (DGR11523) Rabbit mAb (PBS Only)**Cat.No.:** db12456-PBS**Synonyms :** IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10**Application :** WB, IHC, ICC/IF**Reactivity :** Human, Mouse, Rat**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**

Recombinant protein of human Insulin

**Gene ID**

3630

**Swiss Prot**

P01308

**Synonyms**

IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF

**Calculated MW**

12 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR11523

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Concentration**

1 mg/mL

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<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.