

Recombinant**DGRmAb®****Insulin (DGR11523) Rabbit mAb****db12456****Package : 10µL 20µL 50µL 100µL****Product Name :** Insulin (DGR11523) Rabbit mAb**Cat.No.:** db12456**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

Recommended dilution

WB: 1:1000

IHC: 1:20-1:5000

ICC/IF: 1:50

Calculated MW

12 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11523

Isotype

IgG

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.