

Recombinant

DGRmAb®

## NeuroD1 (DGR11118) Rabbit mAb

db16075

Package : 10µL 20µL 50µL 100µL

**Product Name** : NeuroD1 (DGR11118) Rabbit mAb

**Cat.No.:** db16075

**Synonyms** : BETA2; BHF-1; MODY6; NEUROD; bHLHa3

**Application** : WB, ICC/IF

**Reactivity** : Human,Mouse,Rat

**Host species** : Rabbit

### Background

This gene encodes a member of the NeuroD family of basic helix-loop-helix (bHLH) transcription factors. The protein forms heterodimers with other bHLH proteins and activates transcription of genes that contain a specific DNA sequence known as the E-box. It regulates expression of the insulin gene, and mutations in this gene result in type II diabetes mellitus. [provided by RefSeq, Jul 2008]

### Immunogen

A synthetic peptide of human NeuroD1

### Gene ID

4760

### Swiss Prot

Q13562

### Synonyms

BETA2; BHF-1; MODY6; NEUROD; bHLHa3

### Reactivity

Human,Mouse,Rat

### Application

WB, ICC/IF

### Recommended dilution

WB: 1:1000-1:5000

ICC/IF: 1:100-1:200

### Calculated MW

40 kDa

### Observed MW

49 kDa

### Host species

Rabbit

### Clonality

Monoclonal

### Clonality No.

DGR11118

### Isotype

IgG

### Purity

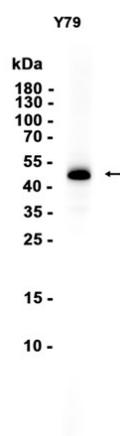
Affinity Purification

**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.



Western blot analysis of extracts from Y79 cells using db16075 at 1:1000.