

Recombinant

DGRmAb®

## Dnmt3b (DGR12594) Rabbit mAb

db15761

Package : 10µL 20µL 50µL 100µL

**Product Name :** Dnmt3b (DGR12594) Rabbit mAb**Cat.No.:** db15761**Synonyms :** ICF; ICF1; M.HsaIIIB**Application :** WB**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a DNA methyltransferase which is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes primarily to the nucleus and its expression is developmentally regulated. Mutations in this gene cause the immunodeficiency-centromeric instability-facial anomalies (ICF) syndrome. Eight alternatively spliced transcript variants have been described. The full length sequences of variants 4 and 5 have not been determined. [provided by RefSeq, May 2011]

**Immunogen**

A synthetic peptide of human Dnmt3b

**Gene ID**

1789

**Swiss Prot**

Q9UBC3

**Synonyms**

ICF; ICF1; M.HsaIIIB

**Reactivity**

Human,Mouse,Rat

**Application**

WB

**Recommended dilution**

WB: 1:1000-1:5000

**Calculated MW**

96 kDa

**Observed MW**

96 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR12594

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.