

Recombinant

DGRmAb®

Dnmt3b (DGR12594) Rabbit mAb (PBS Only)

db15761-PBS

Package : 10µg 100µg

Product Name : Dnmt3b (DGR12594) Rabbit mAb (PBS Only)**Cat.No.:** db15761-PBS**Synonyms** : ICF; ICF1; M.HsaIII B**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.HsaIII B

Reactivity

Human,Mouse,Rat

Application

WB

Calculated MW

96 kDa

Observed MW

96 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR12594

Isotype

IgG

Purity

Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
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.