

Recombinant

DGRmAb®

**Acetyl-Histone H3 (Lys18) (DGR18217) Rabbit mAb**

db12247

Package : 10µL 20µL 50µL 100µL

**Product Name** : Acetyl-Histone H3 (Lys18) (DGR18217) Rabbit mAb**Cat.No.:** db12247**Synonyms** : H3/A; H3FA**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

**Immunogen**

A synthetic acetylpeptide corresponding to residues surrounding Lys18 of human Histone H3

**Gene ID**

8350

**Swiss Prot**

P68431

**Synonyms**

H3/A; H3FA

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF

**Recommended dilution**

WB: 1:1000

IHC-P: 1:200-1:2000

ICC/IF: 1:500-1:2000

**Calculated MW**

15 kDa

**Observed MW**

17 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR18217

**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.