

Recombinant

DGRmAb®

**TriMethyl-Histone H3 (Lys27) (DGR14204) Rabbit mAb (PBS Only)**

db13742-PBS

Package : 10µg 100µg

**Product Name** : TriMethyl-Histone H3 (Lys27) (DGR14204) Rabbit mAb (PBS Only)**Cat.No.:** db13742-PBS**Synonyms** : H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015]

**Immunogen**

A synthetic methyl-peptide corresponding to residues surrounding Lys27 of human Histone H3

**Gene ID**

8356

**Swiss Prot**

P68431

**Synonyms**

H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF

**Calculated MW**

15 kDa

**Observed MW**

17 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

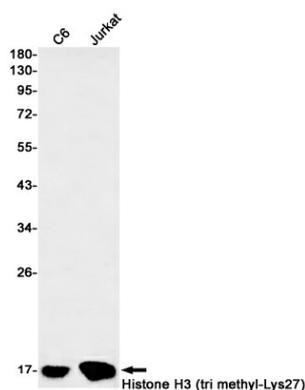
**Clonality No.**

DGR14204

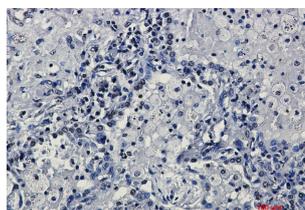
**Isotype**

IgG

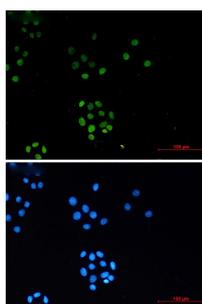
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Histone H3 (tri methyl-Lys27) in C6, Jurkat cell lysates using Histone H3 (tri methyl-Lys27) antibody (1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human lung cancer using [db13742](#) antibody.



Immunofluorescent analysis of HeLa cells using [db13742](#) antibody (green), and DAPI (blue).