Recombinant DGRmAb®

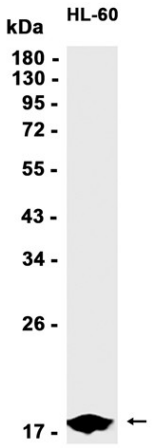
Acetyl-Histone H3 (Lys27) (DGR14746) Rabbit mAb (PBS Only)

db11759-PBS **Package : 10μg 100μg**

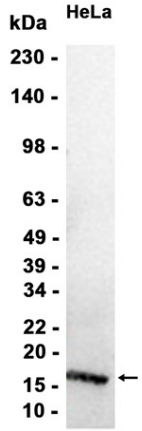
Product Name : Acetyl-Histone H3 (Lys27) (DGR14746) Rabbit mAb (PBS Only)
Cat.No.: db11759-PBS
Synonyms : H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J
Application : WB, IHC-P, ICC/IF, FC, ChIP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 acetyl-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, FC, ChIP
Calculated MW	15 kDa
Observed MW	17 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14746
Isotype	IgG

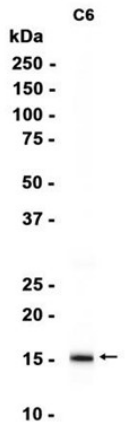
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



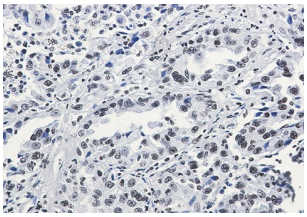
Western blot analysis of extracts from HL-60 cells using db11759 at 1:1000.



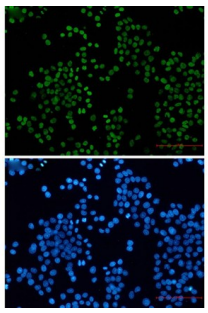
Western blot analysis of extracts from HeLa cells using db11759 at 1:1000.



Western blot analysis of extracts from C6 cells using db11759 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db11759 antibody.



Immunofluorescent analysis of HeLa cells using db11759 antibody (green), and DAPI (blue).