Recombinant DGRmAb®

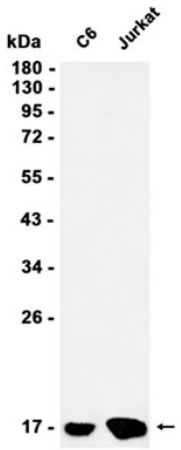
TriMethyl-Histone H3 (Lys27) (DGR14204) Rabbit mAb

db13742 **Package : 10μL 20μL 50μL 100μL**

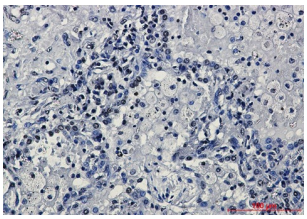
Product Name : TriMethyl-Histone H3 (Lys27) (DGR14204) Rabbit mAb
Cat.No.: db13742
Synonyms : H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J
Application : WB, IHC-P, ICC/IF, ChIP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 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, ChIP
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:500 ICC/IF: 1:500-1:1000
Calculated MW	15 kDa
Observed MW	17 kDa
Host species	Rabbit
Clonality	Monoclonal

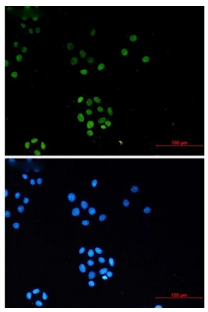
Clonality No.	DGR14204
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from C6 and Jurkat cells using db13742 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db13742 antibody.



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