Recombinant DGRmAb®

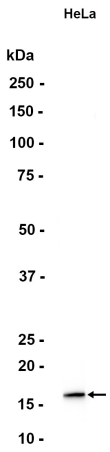
DiMethyl-Histone H3 (Lys4) (DGR18422) Rabbit mAb

db12459 **Package : 10μL 20μL 50μL 100μL**

Product Name : DiMethyl-Histone H3 (Lys4) (DGR18422) Rabbit mAb
Cat.No.: db12459
Synonyms : H3K4me; H3 histone; HIST1H3A; Histone cluster 1; H3a
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. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.
Immunogen	A synthetic methyl-peptide corresponding to residues surrounding Lys4 of human Histone H3
Gene ID	8356
Swiss Prot	P68431
Synonyms	H3K4me; H3 histone; HIST1H3A; Histone cluster 1; H3a
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:2000 ICC/IF: 1:200-1:500
Calculated MW	15 kDa
Observed MW	17 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR18422

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 HeLa cells using db12459 at 1:1000.