Recombinant DGRmAb®

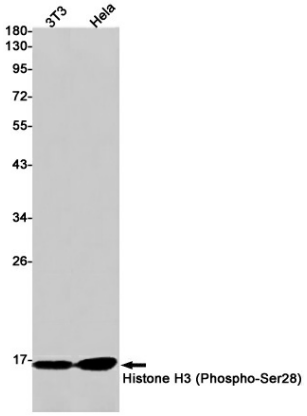
Phospho-Histone H3 (Ser28) (DGR16826) Rabbit mAb

db14483 **Package : 10μL 20μL 50μL 100μL**

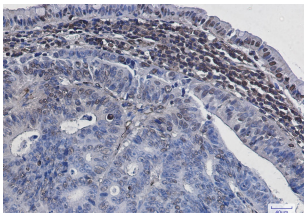
Product Name : Phospho-Histone H3 (Ser28) (DGR16826) Rabbit mAb
Cat.No.: db14483
Synonyms : H3F3; H3.3A
Application : WB, IHC, ICC/IF, FC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

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 contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a replication-independent member of the histone H3 family. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser28 of human Histone H3
Gene ID	3020
Swiss Prot	P68431
Synonyms	H3F3; H3.3A
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, FC
Recommended dilution	WB: 1:1000 IHC: 1:50 ICC/IF: 1:50 FC: 1:20
Calculated MW	15 kDa
Observed MW	15 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16826

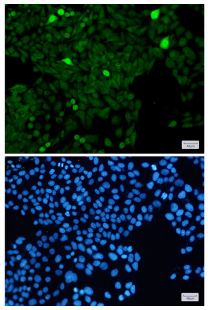
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Histone H3 (Phospho-Ser28) in 3T3,Hela cell lysates using Histone H3 (Phospho-Ser28) antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer using db14483 antibody.



Immunofluorescent analysis of HeLa cells using db14483 antibody (green), and DAPI (blue).