Recombinant DGRmAb®

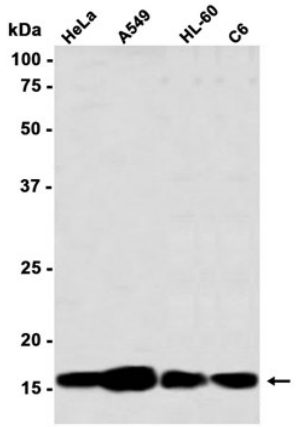
Phospho-Histone H3 (Ser10/Thr11) (DGR32387) Rabbit mAb (PBS Only)

db13561-PBS **Package : 10μg 100μg**

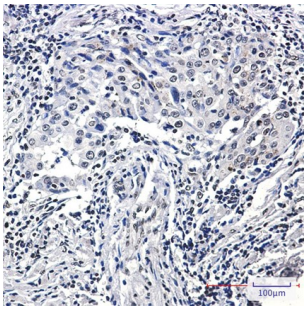
Product Name : Phospho-Histone H3 (Ser10/Thr11) (DGR32387) Rabbit mAb (PBS Only)
Cat.No.: db13561-PBS
Synonyms : H3/A; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FA; H3C10; H3C11; H3C12; HIST1H3A
Application : WB, IHC, ICC/IF, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser10/Thr11 of human Histone H3
Gene ID	8350
Swiss Prot	P68431
Synonyms	H3/A; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FA; H3C10; H3C11; H3C12; HIST1H3A
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, IP
Calculated MW	15 kDa
Observed MW	17 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32387
Isotype	IgG

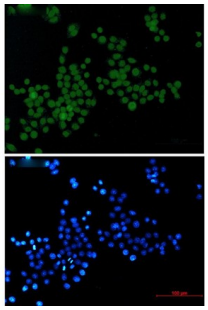
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



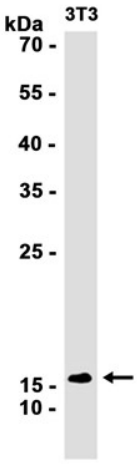
Western blot analysis of extracts from HeLa, A549, HL-60, C6 cells using db13561 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db13561 antibody.



Immunofluorescent analysis of HeLa cells using db13561 antibody (green), and DAPI (blue).



Western blot analysis of extracts from 3T3 cells using db13561 at 1:1000.