

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

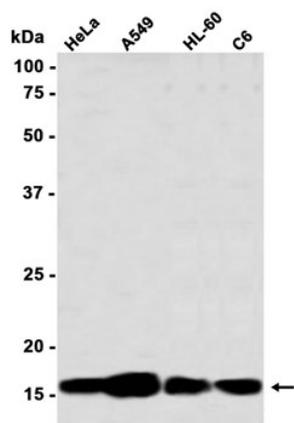
Clonality No.

DGR32387

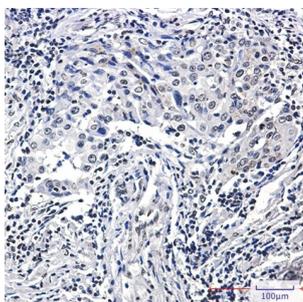
Isotype

IgG

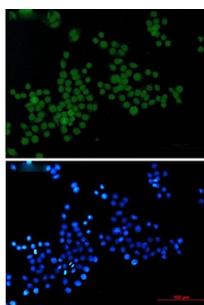
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



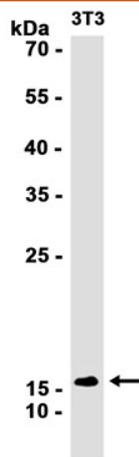
Western blot analysis of extracts from HeLa, A549, HL-60, C6 cells using [db13561](#) at 1:1000.



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.