

Recombinant

DGRmAb®

**Phospho-Histone H3 (Ser28) (DGR16826) Rabbit mAb (PBS Only)**

db14483-PBS

Package : 10µg 100µg

**Product Name** : Phospho-Histone H3 (Ser28) (DGR16826) Rabbit mAb (PBS Only)**Cat.No.:** db14483-PBS**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

**Calculated MW**

15 kDa

**Observed MW**

15 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR16826

**Isotype**

IgG

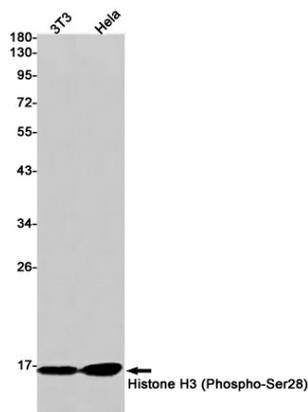
**Purity**

Affinity Purification

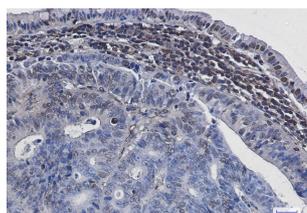
**Conjugation**

Un-conjugated

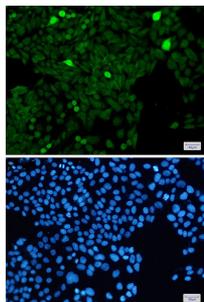
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot 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).