

Recombinant

DGRmAb®

Phospho-Histone H3 (Thr3) (DGR11359) Rabbit mAb (PBS Only)

db11513-PBS

Package : 10µg 100µg

Product Name : Phospho-Histone H3 (Thr3) (DGR11359) Rabbit mAb (PBS Only)**Cat.No.:** db11513-PBS**Synonyms** : H3/A; H3FA**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human**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 Thr3 of human Histone H3

Gene ID

8350

Swiss Prot

P68431

Synonyms

H3/A; H3FA

Reactivity

Human

Application

WB, IHC-P, ICC/IF, FC

Calculated MW

15 kDa

Observed MW

15 kDa

Host species

Rabbit

Clonality

Monoclonal

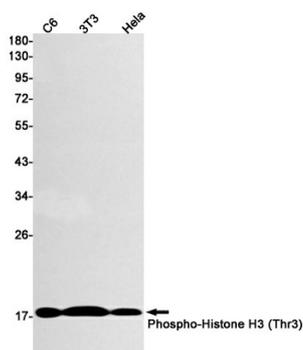
Clonality No.

DGR11359

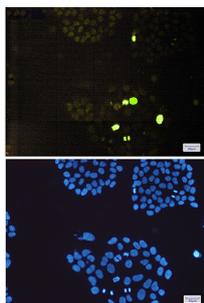
Isotype

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 detection of Phospho-Histone H3 (Thr3) in C6,3T3,HeLa cell lysates using Phospho-Histone H3 (Thr3) antibody(1:1000 diluted).



Immunofluorescent analysis of HeLa cells using db11513 antibody (green), and DAPI (blue).