

Recombinant

DGRmAb®

## Phospho-Histone H3 (Thr3) (DGR11359) Rabbit mAb

db11513

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-Histone H3 (Thr3) (DGR11359) Rabbit mAb**Cat.No.:** db11513**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

**Recommended dilution**

WB: 1:5000-1:50000

IHC-P: 1:100-1:200

ICC/IF: 1:100-1:200

FC: 1:100

**Calculated MW**

15 kDa

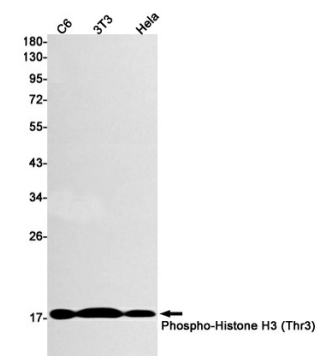
**Observed MW**

15 kDa

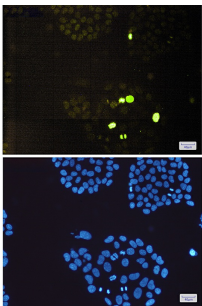
**Host species**

Rabbit

Clonality	Monoclonal
Clonality No.	DGR11359
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 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).