

Recombinant

DGRmAb®

**Histone H4 (DGR13071) Rabbit mAb (PBS Only)**

db14839-PBS

Package : 10µg 100µg

**Product Name** : Histone H4 (DGR13071) Rabbit mAb (PBS Only)**Cat.No.:** db14839-PBS**Synonyms** : H4/p**Application** : WB, IHC-P, ICC/IF**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. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. [provided by RefSeq, Aug 2015]

**Immunogen**

A synthetic peptide of human Histone H4

**Gene ID**

121504

**Swiss Prot**

P62805

**Synonyms**

H4/p

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF

**Calculated MW**

11 kDa

**Observed MW**

11 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR13071

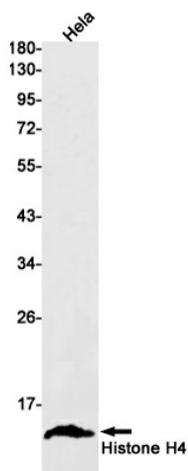
**Isotype**

IgG

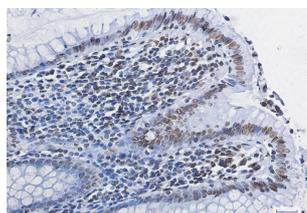
**Purity**

Affinity Purification

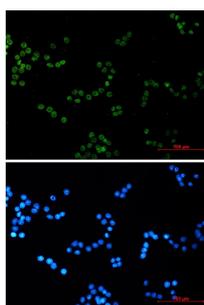
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Histone H4 in HeLa cell lysates using Histone H4 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using [db14839](#) antibody.



Immunofluorescent analysis of HeLa cells using [db14839](#) antibody (green), and DAPI (blue).