

Recombinant

DGRmAb®

Histone H4 (DGR13071) Rabbit mAb

db14839

Package : 10µL 20µL 50µL 100µL

Product Name : Histone H4 (DGR13071) Rabbit mAb**Cat.No.:** db14839**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

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:2000
ICC/IF: 1:100**Calculated MW**

11 kDa

Observed MW

11 kDa

Host species

Rabbit

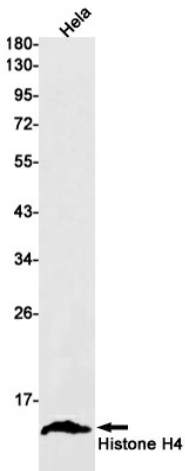
Clonality

Monoclonal

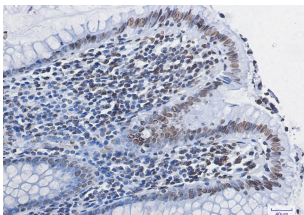
Clonality No.

DGR13071

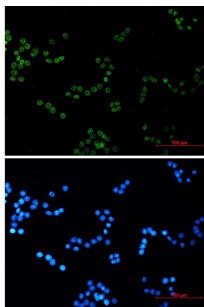
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of 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).