

Recombinant

DGRmAb®

Histone H1.0 (DGR11559) Rabbit mAb

db13453

Package : 10µL 20µL 50µL 100µL

Product Name : Histone H1.0 (DGR11559) Rabbit mAb**Cat.No.:** db13453**Synonyms** : H10; H1FV**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-independent histone that is a member of the histone H1 family.

[provided by RefSeq, Oct 2015]

Immunogen

A synthetic peptide of human Histone H1.0

Gene ID

3005

Swiss Prot

P07305

Synonyms

H10; H1FV

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:500

ICC/IF: 1:100-1:200

Calculated MW

21 kDa

Observed MW

30 kDa

Host species

Rabbit

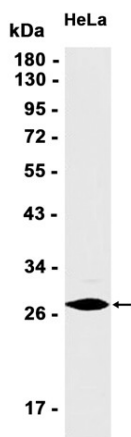
Clonality

Monoclonal

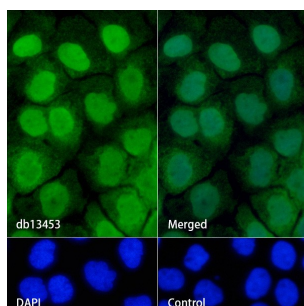
Clonality No.

DGR11559

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 analysis of extracts from HeLa cells using db13453 at 1:1000.



Immunofluorescence analysis of A431 cells labelling Histone H1.0 with db13453.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db13453 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.