Recombinant DGRmAb®

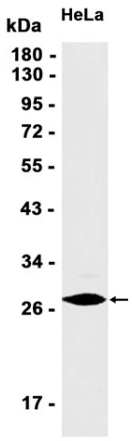
Histone H1.0 (DGR11559) Rabbit mAb

db13453 **Package : 10μL 20μL 50μL 100μL**

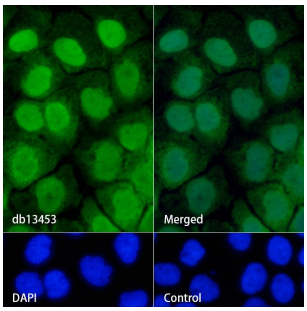
Product Name : Histone H1.0 (DGR11559) Rabbit mAb
Cat.No.: db13453
Synonyms : H10; H1FV
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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.