Recombinant   DGRmAb®

Macro H2A.1 (DGR14657) Rabbit mAb (PBS Only)

db11728-PBS   **Package：100μg**

Product Name : Macro H2A.1 (DGR14657) Rabbit mAb (PBS Only)

Cat.No.: db11728-PBS

Synonyms : H2A.y; H2A/y; mH2A1; H2AF12M; MACROH2A1.1; macroH2A1.2

Application : WB, IHC-P, ICC/IF

Reactivity : Human,Mouse,Rat

Host species : Rabbit

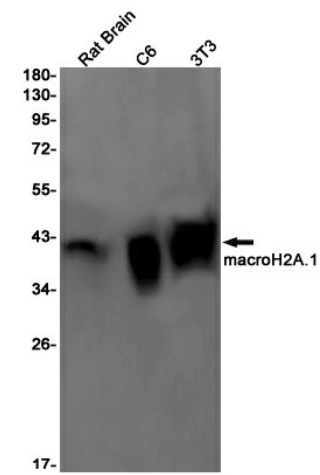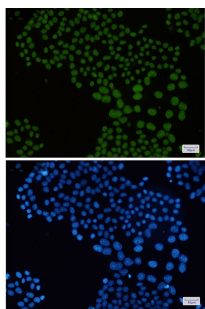|	
Background	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The 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 encodes a replication-independent histone that is a member of the histone H2A family. It replaces conventional H2A histones in a subset of nucleosomes where it represses transcription and participates in stable X chromosome inactivation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2015]
Immunogen	A synthetic peptide of human macroH2A.1
Gene ID	9555
Swiss Prot	O75367
Synonyms	H2A.y; H2A/y; mH2A1; H2AF12M; MACROH2A1.1; macroH2A1.2
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF
Recommended dilution	WB: 1:2000-1:20000 IHC-P: 1:50-1:100 ICC/IF: 1:200-1:500
Calculated MW	40 kDa
Observed MW	40 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR14657
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	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 macroH2A.1 in Rat Brain,C6,3T3 cell lysates using db11728(1:1000 diluted).

Immunofluorescent analysis of HeLa cells using db11728