

Recombinant

DGRmAb®

Histone H2A.Z (DGR18441) Rabbit mAb (PBS Only)

db12008-PBS

Package : 100µg

Product Name : Histone H2A.Z (DGR18441) Rabbit mAb (PBS Only)**Cat.No.:** db12008-PBS**Synonyms** : H2AZ; H2A.z; H2A/z; H2A.Z-1**Application** : WB, IHC-P, ICC/IF, FC**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 member of the histone H2A family that is distinct from other members of the family. Studies in mice have shown that this particular histone is required for embryonic development and indicate that lack of functional histone H2A leads to embryonic lethality. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Histone H2A.Z

Gene ID

3015

Swiss Prot

P0C0S5

Synonyms

H2AZ; H2A.z; H2A/z; H2A.Z-1

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:200-1:2000

ICC/IF: 1:100-1:200

FC: 1:200-1:1000

Calculated MW

14 kDa

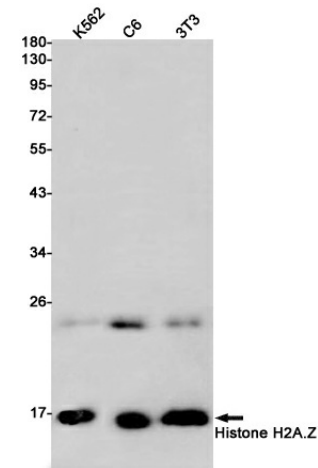
Observed MW

14 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR18441
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 Histone H2A.Z in K562,C6,3T3 cell lysates using Histone H2A.Z antibody(1:1000 diluted).