

Recombinant

DGRmAb®

Histone H2A.X (DGR16840) Rabbit mAb (PBS Only)

db11980-PBS

Package : 10µg 100µg

Product Name : Histone H2A.X (DGR16840) Rabbit mAb (PBS Only)**Cat.No.:** db11980-PBS**Synonyms** : H2AX; H2A.X; H2A/X**Application** : WB, IHC, ICC/IF, FC, IP**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. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a replication-independent histone that is a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. [provided by RefSeq, Oct 2015]

Immunogen

A synthetic peptide of human Histone H2A.X

Gene ID

3014

Swiss Prot

P16104

Synonyms

H2AX; H2A.X; H2A/X

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC, IP

Calculated MW

15 kDa

Observed MW

15 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR16840

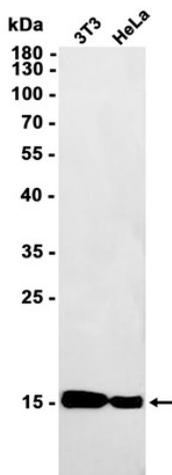
Isotype

IgG

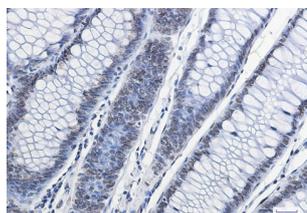
Purity

Affinity Purification

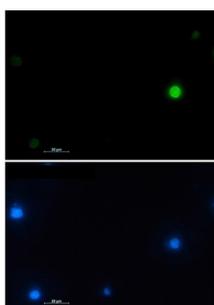
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|--------------------------|---|
| Conjugation | Un-conjugated |
| Concentration | 1 mg/mL |
| Formulation | PBS Only |
| Storage Stability | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |



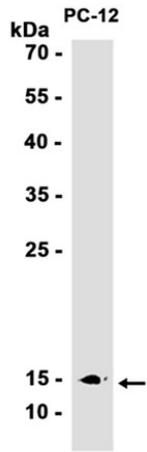
Western blot analysis of extracts from 3T3, HeLa cells using [db11980](#) at 1:1000.



Immunohistochemical analysis of paraffin-embedded human colon cancer using [db11980](#) antibody.



Immunofluorescent analysis of HL-60 cells using [db11980](#) antibody (green), and DAPI (blue).



Western blot analysis of extracts from PC-12 cells using [db11980](#) at 1:1000.