

**Histone H2A monoclonal antibody**

Catalog: MB11028

Host: Rabbit

Reactivity: Human, Rat

**BackGround:**

Core component of nucleosome which plays a central role in DNA double strand break (DSB) repair. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome re-modeling.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 14 kDa; Observed MW: 14 kDa

**Swiss-Prot:**

P04912

**Purification&Purity:**

Affinity Purified

**Applications:**

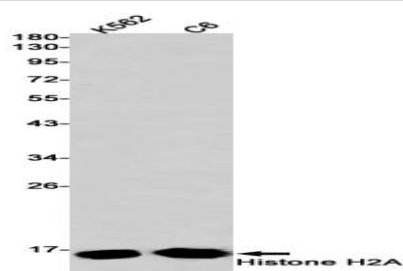
WB: 1/500-1/1000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of Histone H2A in K562, C6 lysates using Histone H2A antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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