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## Product Information

**Size:**

100ul

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, IHC:1:50-1:100

**Protein Background:**

Core component of nucleosome. 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 remodeling. Albig W. , Biol. Chem. 380:7-18(1999).

**Gene ID:**

HIST1H2AG/HIST1H2AB/HIST1H2AD/HIST1H2AH/HIST2H2AA3

**Uniprot**

P0C0S8/P04908/P20671/Q96KK5/Q6FI13/Q7L

**Synonyms:**

H2A.1b; H2A/c; H2A/d; H2A/i; H2A/n

**Immunogen:**

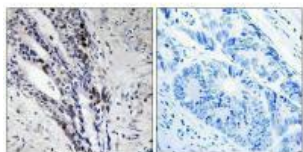
Synthesized peptide derived from Internal of human Histone H2A.

**Storage:**

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images

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Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Histone H2A antibody.