

## Histone H2A Rabbit mAb

Catalog No: #52332

Package Size: #52332-1 50ul #52332-2 100ul

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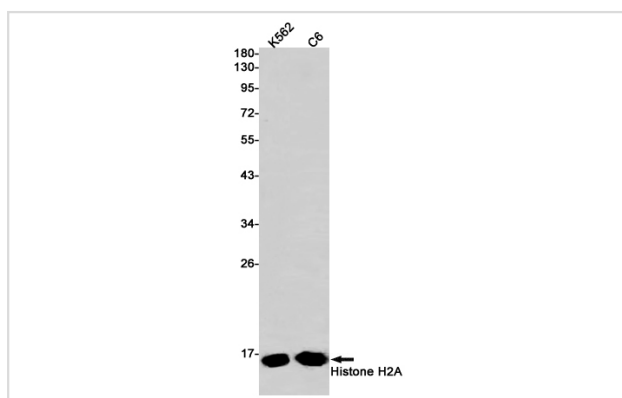
## Description

Product Name	Histone H2A Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-1A5
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Saccharomycescerevisiae
Immunogen Description	A synthetic peptide of Histone H2A
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Histone H2A.2
Accession No.	Swiss-Prot:P04912GenelD:852283
Uniprot	P04912
GenelD	852283
Calculated MW	Calculated MW: 14 kDa; Observed MW: 14 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

WB: 1/1000

## Images



Western blot detection of Histone H2A in K562,C6 cell lysates using Histone H2A Rabbit mAb(1:1000 diluted).Predicted band size:14kDa.Observed band size:14kDa.

## Background

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Swiss-Prot Acc.P04912. 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 remodeling.

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Note: This product is for in vitro research use only