

Histone H2A.Z Rabbit mAb

Catalog No: #52333



Package Size: #52333-1 50ul #52333-2 100ul

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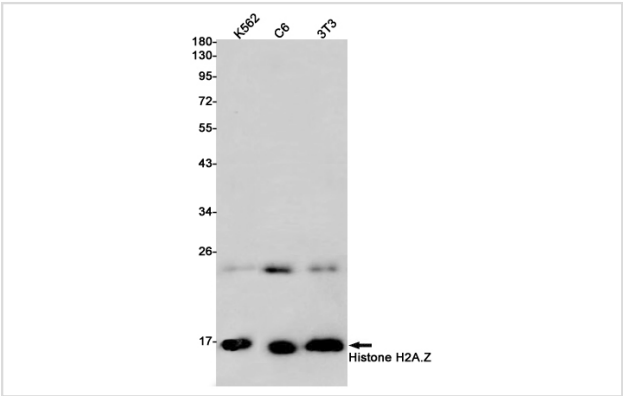
Description

Product Name	Histone H2A.Z Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S09-3H9
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Histone H2A.Z
Conjugates	Unconjugated
Modification	Unmodification
Other Names	H2AZ; H2A.z; H2A/z; H2A.Z-1
Accession No.	Swiss-Prot:P0C0S5GeneID:3015
Uniprot	P0C0S5
GeneID	3015
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.Z in K562,C6,3T3 cell lysates using Histone H2A.Z Rabbit mAb(1:1000 diluted).Predicted band size:14kDa.Observed band size:14kDa.

Background

Swiss-Prot Acc.P0C0S5.Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. 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. May be involved in the formation of constitutive heterochromatin. May be required for chromosome segregation during cell division.

Note: This product is for in vitro research use only