

Product datasheet for **TA384366M**

H2A.Z (H2AFZ) Rabbit Monoclonal Antibody [Clone ID: R09-3H9]

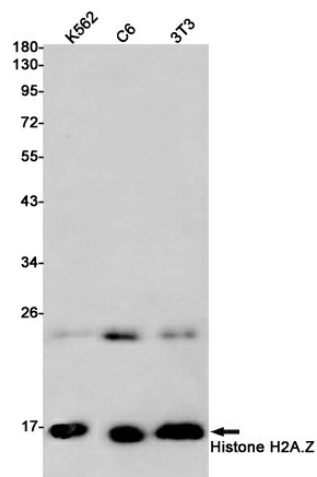
Product data:

Product Type:	Primary Antibodies
Clone Name:	R09-3H9
Applications:	WB
Recommended Dilution:	WB: 1/1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human Histone H2A.Z
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 14 kDa; Observed MW: 14 kDa
Gene Name:	H2A histone family member Z
Database Link:	Entrez Gene 3015 Human P0C0S5
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.


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Synonyms: H2A.z; H2A/z; H2AZ; MGC117173

Product images:



Western blot analysis of Histone H2A.Z in K562, C6, 3T3 lysates using Histone H2A.Z antibody.