

Product datasheet for **TA384366S**

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

Product data:

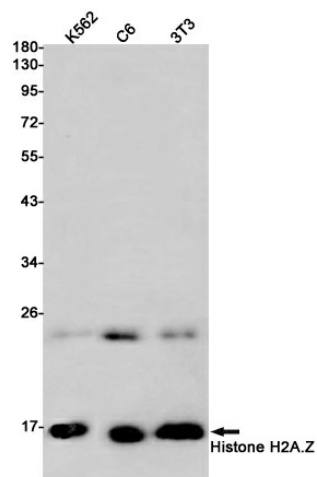
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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | R09-3H9 |
| Applications: | WB |
| Recommended Dilution: | WB: 1/1000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | 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.