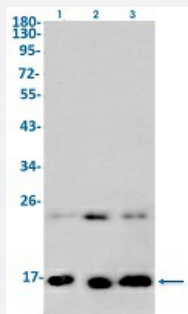


RecomAb™

# H2AZ1 recombinant monoclonal antibody, clone R09-3H9

Catalog # RAB02225      Size 100 uL

## Applications



### Western Blot

Western Blot analysis of Lane 1: K562, Lane 2: C6 and Lane 3: 3T3 lysates with H2AZ1 recombinant monoclonal antibody, clone R09-3H9 (Cat # RAB02225).

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human H2AZ1.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against a synthetic peptide corresponding to human H2AZ1.
<b>Theoretical MW (kDa)</b>	Calculated MW: 14 kD
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

**Storage Instruction**

Store at -20 °C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western Blot analysis of Lane 1: K562, Lane 2: C6 and Lane 3: 3T3 lysates with H2AZ1 recombinant monoclonal antibody, clone R09-3H9 (Cat # RAB02225).

## Gene Info — H2AFZ

**Entrez GeneID**[3015](#)**Protein Accession#**[P0C0S5](#)**Gene Name**

H2AFZ

**Gene Alias**

H2A.z, H2A/z, H2AZ, MGC117173

**Gene Description**

H2A histone family, member Z

**Omim ID**[142763](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene encodes a replication-independent member of the histone H2A family that is distinct from other members of the family. Studies in mice have shown that this particular histone is required for embryonic development and indicate that lack of functional histone H2A leads to embryonic lethality. [provided by RefSeq]

**Other Designations**

H2AZ histone

## Pathway

- [Systemic lupus erythematosus](#)