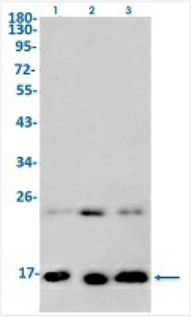
RecomAb™

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

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

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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 shoul d 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 chro mosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped aro und a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H 4). 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 r eplication-independent member of the histone H2A family that is distinct from other members of th e family. Studies in mice have shown that this particular histone is required for embryonic develop ment and indicate that lack of functional histone H2A leads to embryonic lethality. [provided by Ref Seq
Other Designations	H2AZ histone

Pathway

- Systemic lupus erythematosus

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