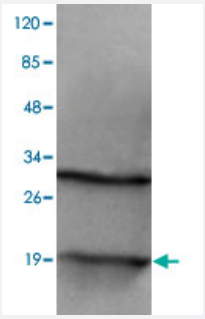
H2AFZ monoclonal antibody

Catalog # MAB11149 Size 50 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of NIH/3T3 whole cell lysate 40 ug/lane with H2AFZ monoclonal antibody (Cat # MAB11149) at 1:1000 dilution.
Predicted band size: 13 KDa. Observed band size: 17 KDa. Additional band size: 30 KDa.

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of H2AFZ.
Immunogen	A synthetic peptide corresponding to human H2AFZ.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	ELISA (1:5000-1:20000) Western Blot (1:100-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.02% sodium azide)
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.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — H2AFZ

Entrez GeneID	3015
Protein Accession#	P0C0S5;NM_002106.3
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