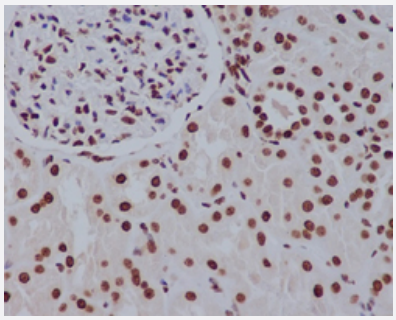
H2AFZ monoclonal antibody, clone EOO-8

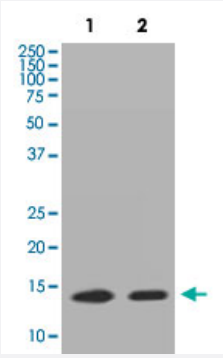
Catalog # MAB20145 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with H2AFZ monoclonal antibody, clone EOO-8 (Cat # MAB20145).



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: Neuro-2a and Lane 2: HeLa cell lysates with H2AFZ monoclonal antibody, clone EOO-8 (Cat # MAB20145).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of H2AFZ.
Immunogen	A synthetic peptide corresponding to H2AFZ.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification

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Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. 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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with H2AFZ monoclonal antibody, clone EOO-8 (Cat # MAB20145).

- Immunofluorescence

- Immunocytochemistry

- Western Blot (Cell lysate)

  Western Blot analysis of Lane 1: Neuro-2a and Lane 2: HeLa cell lysates with H2AFZ monoclonal antibody, clone EOO-8 (Cat # MAB20145).

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

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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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