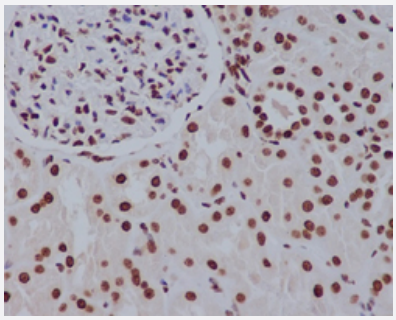
# H2AFZ monoclonal antibody, clone EOO-8

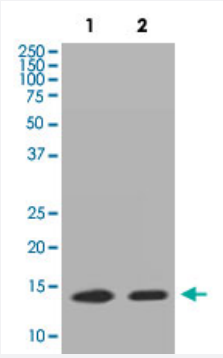
Catalog # MAB20145 Size 100 uL

## 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)<br>Immunofluorescence (1:50-1:200)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200)<br>Western Blot (1:500-1:2000)<br>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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