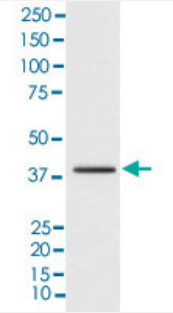
H2AFY monoclonal antibody, clone ADDI-8

Catalog # MAB22258 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human H2AFY.
Immunogen	A synthetic peptide corresponding to human H2AFY.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human H2AFY, in native form and recombinant. Superfamily members of H2 AFY are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:1000-1:5000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage 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

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

  Western blot analysis of HepG2 cell lysate.

Gene Info — H2AFY

Entrez GeneID	9555
Protein Accession#	O75367
Gene Name	H2AFY
Gene Alias	H2A.y, H2A/y, H2AF12M, H2AFJ, MACROH2A1.1, mH2A1, macroH2A1.2
Gene Description	H2A histone family, member Y
Omim ID	610054
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 member of the histone H2A family. It replaces conventional H2A histones in a subset of nucleoso mes where it represses transcription and participates in stable X chromosome inactivation. Altern ative splicing results in multiple transcript variants encoding different isoforms. [provided by RefS eq

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Other Designations	histone macroH2A1.1|histone macroH2A1.2

Pathway

- Systemic lupus erythematosus

Disease

- Autistic Disorder
- Genetic Predisposition to Disease
- Tobacco Use Disorder

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