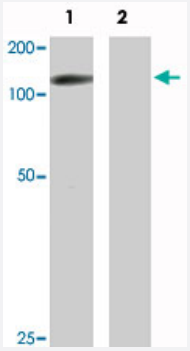
HIRA monoclonal antibody, clone WC119.2H11

Catalog # MAB8967 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis in Lane 1: 293 cells transfected with HIRA and Lane 2: 293 cells transfected withoud HIRA with HIRA monoclonal antibody, clone WC119.2H11 (Cat # MAB8967).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant HIRA.
Amount	100 uL
Immunogen	Recombinant protein corresponding to amino acids 421-729 of human HIRA.
Host	Mouse
Reactivity	Human
Specificity	This antibody reacts with human HIRA.
Form	Liquid
Purification	Purified ascites
Concentration	1 ug/uL
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH 7.4 (0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Western blot analysis in Lane 1: 293 cells transfected with HIRA and Lane 2: 293 cells transfected withoud HIRA with HIRA monoclonal antibody, clone WC119.2H11 (Cat # MAB8967).

Gene Info — HIRA

Entrez GeneID	7290
Gene Name	HIRA
Gene Alias	DGCR1, TUP1, TUPLE1
Gene Description	HIR histone cell cycle regulation defective homolog A (S. cerevisiae)
Omim ID	600237
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in nucle osomes. Orthologs of this gene in yeast, flies, and plants are necessary for the formation of transc riptionally silent heterochomatin. This gene plays an important role in the formation of the senesce nce-associated heterochromatin foci. These foci likely mediate the irreversible cell cycle changes that occur in senescent cells. It is considered the primary candidate gene in some haploinsufficien cy syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt n ormal embryonic development. [provided by RefSeq
Other Designations	DiGeorge critical region gene 1|HIR histone cell cycle regulation defective homolog A

Publication Reference

- Design on a Rational Basis of High-Affinity Peptides Inhibiting the Histone Chaperone ASF1.

  Bakail M, Gaubert A, Andreani J, Moal G, Pinna G, Boyarchuk E, Gaillard MC, Courbeyrette R, Mann C, Thuret JY, Guichard B, Murciano B, Richet N, Poitou A, Frederic C, Le Du MH, Agez M, Roelants C, Gurard-Levin ZA, Almouzni G, Cherradi N, Guerois R, Ochsenbein F.

  Cell Chemical Biology 2019 Nov; 26(11):1573.

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Disease

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