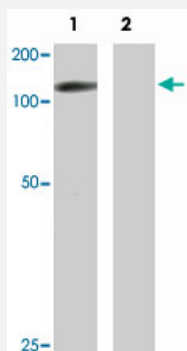


# HIRA monoclonal antibody, clone WC119.2H11

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 without 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.      |

|                |                                     |
|----------------|-------------------------------------|
| Storage Buffer | In PBS, pH 7.4 (0.02% sodium azide) |
|----------------|-------------------------------------|

|                     |                                                                    |
|---------------------|--------------------------------------------------------------------|
| Storage Instruction | Store at -20°C.<br>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 without HIRA with HIRA monoclonal antibody, clone WC119.2H11 (Cat # MAB8967).

## Gene Info — HIRA

|               |                      |
|---------------|----------------------|
| Entrez GeneID | <a href="#">7290</a> |
|---------------|----------------------|

|           |      |
|-----------|------|
| Gene Name | HIRA |
|-----------|------|

|            |                     |
|------------|---------------------|
| Gene Alias | DGCR1, TUP1, TUPLE1 |
|------------|---------------------|

|                  |                                                                       |
|------------------|-----------------------------------------------------------------------|
| Gene Description | HIR histone cell cycle regulation defective homolog A (S. cerevisiae) |
|------------------|-----------------------------------------------------------------------|

|         |                        |
|---------|------------------------|
| Omim ID | <a href="#">600237</a> |
|---------|------------------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Summary | This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in nucleosomes. Orthologs of this gene in yeast, flies, and plants are necessary for the formation of transcriptionally silent heterochromatin. This gene plays an important role in the formation of the senescence-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 haploinsufficiency syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt normal 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.

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)