

## Mouse Histone H3 Monoclonal Antibody | anti-H3 antibody

Mouse anti-Histone H3 (DiMethyl K9) Antibody

|                               |                      |                                        |                                                           |
|-------------------------------|----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA221805</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------|----------------------------------------|-----------------------------------------------------------|

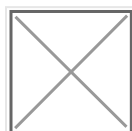
### PRODUCT SYNONYMS

Histone H3; Monoclonal Antibody; Mouse anti-Histone H3 (DiMethyl K9) Antibody; HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/h; Histone H3/i; Histone H3/j; Histone H3/k; Histone H3/l; HIST2H3A; HIST2H3C; H3F2; H3FM; HIST2H3D; Histone H3.2; Histone H3/m; Histone H3/o; H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3; anti-H3 antibody

### PRODUCT SPECIFICATIONS

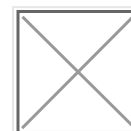
|                                              |                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Host                                         | Mouse                                                                                                            |
| Reactivity                                   | Human, Mouse, Rat                                                                                                |
| Clonality                                    | Monoclonal                                                                                                       |
| Form/Format                                  | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.        |
| Concentration                                | 1mg/mL (varies by lot)                                                                                           |
| Applicable Applications for anti-H3 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                    |
| Immunogen                                    | KLH-conjugated synthetic peptide encompassing a sequence of human Histone H3. The exact sequence is proprietary. |
| Preparation and Storage                      | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Histone H3 (DiMethyl K9) staining in human skin formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Histone H3 (DiMethyl K9) expression in Hela (A), Raw264.7 (B), rat heart (C) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                |                    |
|------------------------------------------------|--------------------|
| Product Categories/Family for anti-H3 antibody | Primary antibodies |
|------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|             |         |
|-------------|---------|
| NCBI GI #   | 4504281 |
| NCBI GeneID | 8350    |

|                                  |                                                                         |
|----------------------------------|-------------------------------------------------------------------------|
| NCBI Accession #                 | NP_003520.1                                                             |
| NCBI GenBank Nucleotide #        | NM_003529.2                                                             |
| UniProt Accession #              | P68431; Q71DI3; P84243; P68433; P84228; P84244; Q6LED0; P84245          |
| Molecular Weight                 | 15,404 Da                                                               |
| NCBI Official Full Name          | histone H3.1                                                            |
| NCBI Official Synonym Full Names | histone cluster 1, H3a                                                  |
| NCBI Official Symbol             | HIST1H3A                                                                |
| NCBI Official Synonym Symbols    | H3/A; H3FA                                                              |
| NCBI Protein Information         | histone H3.1; histone H3/a; histone 1, H3a; H3 histone family, member A |
| UniProt Protein Name             | Histone H3.1                                                            |
| UniProt Gene Name                | <b>HIST1H3A</b>                                                         |
| UniProt Synonym Gene Names       | H3FA                                                                    |
| UniProt Entry Name               | H31_HUMAN                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/histone-h3-antibody-immunohistochemistry-western-blot-elisa/221805>