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| <b>Cat. No:</b>          | MABN03713                                                                                                                                                                                                                                                                                          |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                       |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                              |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                         |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                             |
| <b>Host:</b>             | Mouse                                                                                                                                                                                                                                                                                              |
| <b>Isotype:</b>          | IgG1                                                                                                                                                                                                                                                                                               |
| <b>Immunogen:</b>        | A synthetic Methylated peptide corresponding to residues target protein                                                                                                                                                                                                                            |
| <b>Reactivity:</b>       | Human,Mouse,Rat                                                                                                                                                                                                                                                                                    |
| <b>Applications:</b>     | WB 1:500-1:1000                                                                                                                                                                                                                                                                                    |
| <b>Molecular Weight:</b> | Calculated MW: 15 kDa; Observed MW: 15 kDa                                                                                                                                                                                                                                                         |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                              |
| <b>Synonyms:</b>         | H3K79me3; H3 histone; HIST1H3A; Histone cluster 1; H3a                                                                                                                                                                                                                                             |
| <b>Background:</b>       | H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                             |
| <b>Buffer:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.                                                                                                                                                                                                                    |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                       |

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