

## Anti-Di-Methyl-Histone H3-Lys79 antibody [Q7] (STJ96989)

STJ96989

### GENERAL INFORMATION

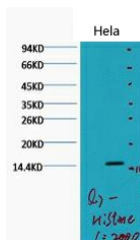
|                          |                                                                                                                                                          |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Primary antibodies                                                                                                                                       |
| <b>Short Description</b> | Mouse monoclonal antibody anti-Di-Methyl-Histone H3.1 and Histone H3.2 and Histone H3.3-Lys79 is suitable for use in Western Blot research applications. |
| <b>Applications</b>      | WB                                                                                                                                                       |
| <b>Host/Source</b>       | Mouse                                                                                                                                                    |
| <b>Reactivity</b>        | Human/Mouse/Rat                                                                                                                                          |

### PRODUCT PROPERTIES

|                            |                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Monoclonal                                                                                                 |
| <b>Clone ID</b>            | Q7                                                                                                         |
| <b>Concentration</b>       |                                                                                                            |
| <b>Conjugation</b>         | Unconjugated                                                                                               |
| <b>Purification</b>        | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. |
| <b>Dilution Range</b>      | WB 1:500-2000                                                                                              |
| <b>Formulation</b>         | Liquid in PBS pH7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.                                        |
| <b>Isotype</b>             | IgG1                                                                                                       |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.             |

### TARGET INFORMATION

|                           |                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 8350/8351/8352/8353/8354/8355/8356/8357/8358/8968                                                     |
| <b>Gene Symbol</b>        | 1<br>H3C1.H3C2.H3C3.H3C4.H3C6.H3C7.H3C8.H3C10.H3C11.H3C12<br>H31_HUMAN<br>H32_HUMAN<br>H33_HUMAN<br>< |
| <b>Immunogen</b>          | Synthetic Peptide of Histone H3 (Di Methyl Lys79)                                                     |
| <b>Immunogen Region</b>   |                                                                                                       |
| <b>Specificity</b>        | The antibody detects endogenous Histone H3 (di methyl K79) protein.                                   |
| <b>Immunogen Sequence</b> |                                                                                                       |



Western blot analysis of HeLa, diluted at 1:2000 cells nucleus extracted by Minute™ Cytoplasmic and Nuclear Fractionation kit (SC-003, InventiBiotech, MN, USA).