

# Histone H3(Di-methyl-K79) Mouse Monoclonal Antibody (362)

Catalog No: #HW053

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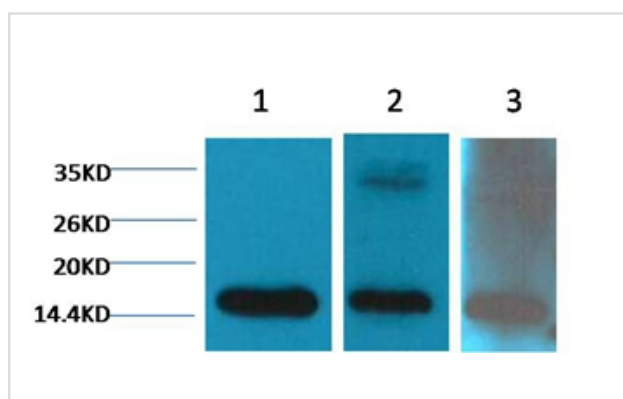
## Description

|                       |  |
|-----------------------|--|
| Product Name          | Histone H3(Di-methyl-K79) Mouse Monoclonal Antibody (362)  |
| Host Species          | Mouse  |
| Clonality             | Monoclonal   |
| Clone No.             | 362  |
| Purification          | Affinity purification using immunogen.   |
| Applications          | WB   |
| Species Reactivity    | Hu Rt Ms   |
| Specificity           | The Histone H3(Di-methyl-K79) antibody can detects endogenous Histone H3(Di-methyl-K79) protein.   |
| Immunogen Description | A synthetic Di-methylated peptide corresponding to residues surrounding K79 of human histone H3.   |
| Target Name           | Histone H3(Di-methyl-K79)  |
| Modification          | Methyl   |
| Accession No.         | Swiss-Prot#:P68431   |
| Uniprot               | P68431   |
| GenelD                | 8350;8351;8352;8353;8354;8355;8356;8357;8358;8968;   |
| SDS-PAGE MW           | 17kd   |
| Concentration         | 1.0mg/ml   |
| Formulation           | Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage               | Store at -20°C   |

## Application Details

Western blotting: 1:1000~1:3000

## Images



Western blot analysis of 1) Hela, 2) Raw264.7, 3) Rat Brain Tissue, using #HW053 diluted at 1:2,000.

## Background

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Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. 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.

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Note: This product is for in vitro research use only