

# Histone H3(di methyl K27) Monoclonal antibody

Cat No: HR1AM2212

For research use only

## Overview

|                       |   |
|-----------------------|---|
| Product Name          | Histone H3(di methyl K27) Monoclonal antibody   |
| Source                | Mouse   |
| Applications          | WB, IHC   |
| Species Reactivity    | Human,Rat,Mouse   |
| Recommended Dilutions | WB 1:1,000-3,000 IP 1:200 IHC 1:200-500   |
| Immunogen             |   |
| Species               | Mouse   |
| Storage               | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| Isotype               | IgG1  |
| Clonality             | Monoclonal  |
| Concentration         | 1mg/ml  |
| Observed band         | 15kDa   |
| GeneID?Human?         | 8290  |
| Human Swiss-Prot No.  |   |
| Cellular localization |   |
| Alternative Names     | H3 histone antibody, HIST1H3A antibody, Histone cluster 1, H3a antibody   |
| Background            | 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. |