



Histone H3 (di methyl K27) Mouse Monoclonal Antibody (1A8)

E12-129

Catalog Number: E12-129**Amount:** 100µg/100µl**Clone Number:** 1A8

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.

Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

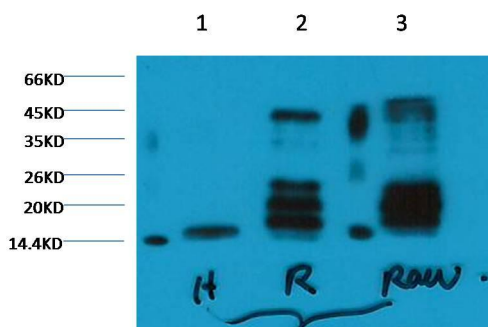
Storage/Stability: Store at -20°C/1 year

Specificity/Sensitivity: Antibody can detects endogenous Histone H3 (di methyl K27) protein.

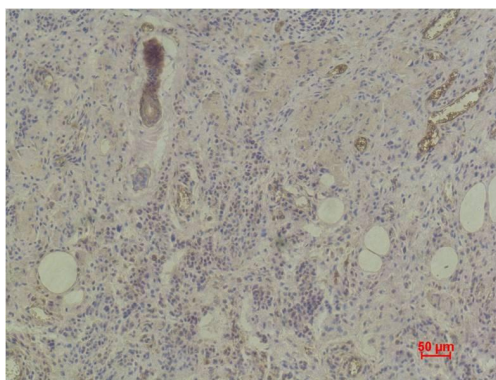
Reactivity: H, R, M

MW: 15KD

Applications: WB: 1:1,000-2,000 IHC: 1:100-500



Western blot analysis of 1) Hela, 2) Rat Testis tissue, 3) Raw264.7 with Histone H3 (di methyl K27) (1A8) Mouse MAb diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded Human Skin using Histone H3(di methyl K27) Mouse mAb diluted at 1:500.

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