



Histone H3 (mono methyl K79) Mouse Monoclonal Antibody (1C2)

E12-125

Catalog Number: E12-125

Amount: 100µg/100µl

Clone Number: 1C2

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.

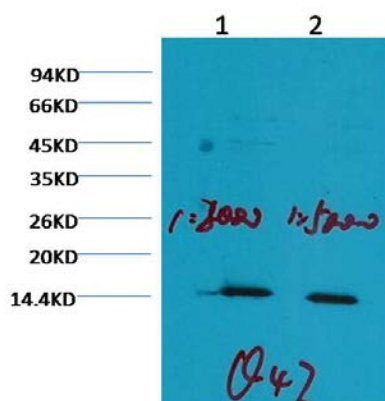
Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

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

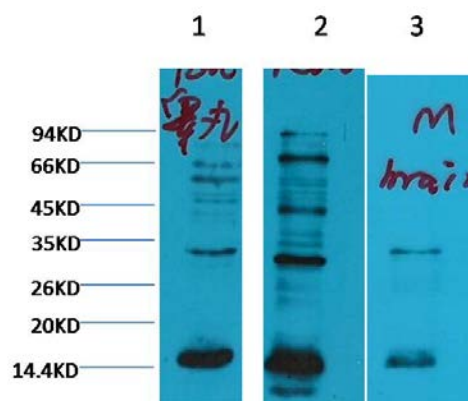
Specificity/Sensitivity: Antibody can detects endogenous Histone H3 (mono methyl K79) protein.

Reactivity: H, R, M

Applications: WB: 1:1,000-3,000



Western blot analysis of HeLa with Histone H3 (mono methyl K79) (1C2) Mouse MAb diluted at 1) 1:2,000, 2) 1:5,000.



Western blot analysis of 1) Rat Testis tissue, 2) Raw264.7, 3) Mouse Brain tissue with Histone H3 (mono methyl K79) (1C2) Mouse MAb diluted at 1:2000.

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