Histone H3(Tri-methyl-K9) Mouse Monoclonal Antibody

Catalog No: #HW051

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Description

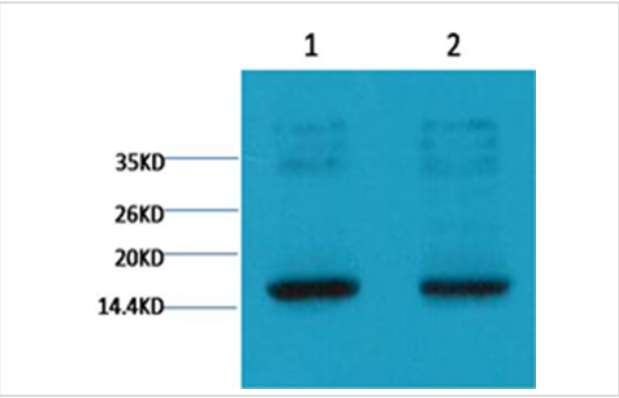
Product Name	Histone H3(Tri-methyl-K9) Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	Affinity purification using immunogen.
Applications	WB IP
Species Reactivity	Hu Rt Ms
Specificity	The Histone H3(Tri-methyl-K9) antibody can detects endogenous Histone H3(Tri-methyl-K9) protein.
Immunogen Description	A synthetic Tri-methylated peptide corresponding to residues surrounding K9 of human histone H3.
Target Name	Histone H3(Tri-methyl-K9)
Modification	Methyl
Accession No.	Swiss-Prot#:P68431
Uniprot	P68431
GeneID	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 Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

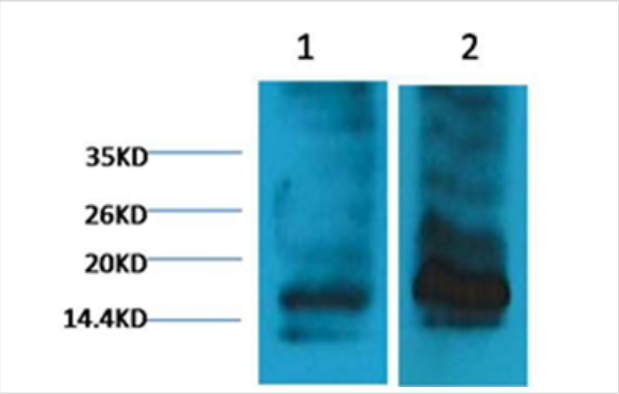
Western blotting: 1:1000~1:3000

Immunoprecipitation: 1:200

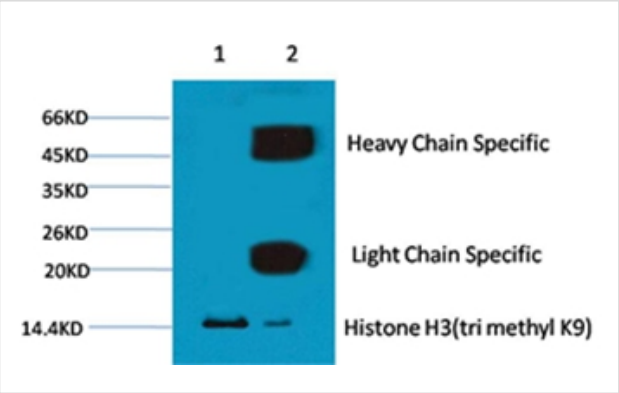
Images



Western blot analysis of Hela cells, using #HW051 diluted at 1) 1:2,000 2) 1:5,000



Western blot analysis of 1) Rat Testis Tissue, 2) Raw264.7, using #HW051 diluted at 1:2000.



1B'B'Input: Hela Cell Lysate
2B'B'IP product: IP dilute 1:200
Western blot analysis: primary antibody : #HW051 1:1,000
Secondary antibody: Goat anti-Mouse IgG(H+L) 1:10,000

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.

Note: This product is for in vitro research use only