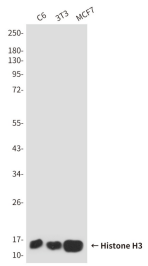
Histone H3 (6G2) Mouse mAb

db6420 **Package : 50μL 100μL**

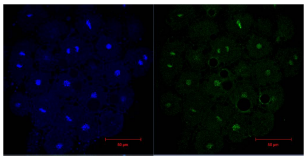
Product Name : Histone H3 (6G2) Mouse mAb
Cat.No.: db6420
Synonyms : H3 histone; HIST1H3A; Histone cluster 1; H3a
Application : WB, IHC-Fr, IHC-P, ICC/IF, IP
Reactivity : Human, Mouse, Rat, Yeast
Host species : Mouse

Background	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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.MiscellaneousThis histone is only present in mammals and is enriched in acetylation of Lys-15 and dimethylation of Lys-10 (H3K9me2).
Immunogen	Recombinant Protein of Histone H3
Gene ID	8350
Swiss Prot	P68431
Synonyms	H3 histone; HIST1H3A; Histone cluster 1; H3a
Reactivity	Human, Mouse, Rat, Yeast
Application	WB, IHC-Fr, IHC-P, ICC/IF, IP
Recommended dilution	WB: 1:5000-1:10000 IHC: 1:50-1:200 ICC/IF: 1:100-1:200 IP: 1:20
Calculated MW	15 kDa
Observed MW	15 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	6G2-5A6-6C1

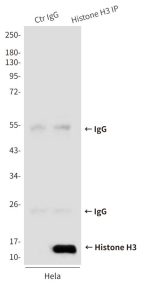
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



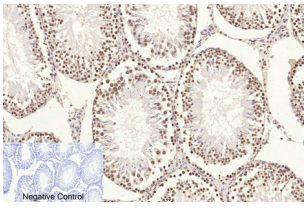
Western blot analysis of Histone H3 (6G2) in C6, 3T3 and MCF-7 lysates using Histon H3 antibody.



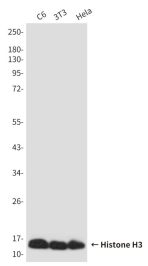
Immunofluorescence analysis of Histone H3 in Hela using Histone H3 antibody(Right)and DAPI(Left).



Immunoprecipitation analysis of Histone H3 (6G2) in Hela lysates using Histone H3 (6G2) antibody.



Immunohistochemistry analysis of paraffin-embedded rat testis tissue using Histone H3 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Histone H3 in C6, 3T3, Hela lysates using Histone H3 (6G2) antibody.