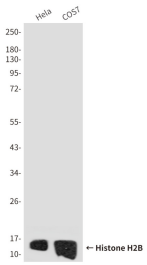
Histone H2B (7E2) Mouse mAb

db6476 **Package : 50μL 100μL**

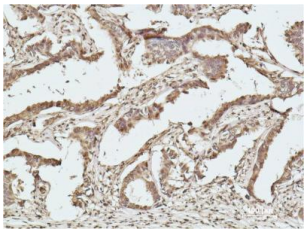
Product Name : Histone H2B (7E2) Mouse mAb
Cat.No.: db6476
Synonyms : H2BK5ac; H2B 1A; H2B; H2B histone family; H2B2f; H2Ba; H2Bf; HIST2H2BF; histone H2B; histone H2B type 1; Histone H2B type 2-F
Application : WB, IHC-P
Reactivity : Human, Mouse, Rat
Host species : Mouse

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.
Immunogen	Synthetic Peptide of Histone H2B
Gene ID	3018
Swiss Prot	P33778
Synonyms	H2BK5ac; H2B 1A; H2B; H2B histone family; H2B2f; H2Ba; H2Bf; HIST2H2BF; histone H2B; histone H2B type 1; Histone H2B type 2-F
Reactivity	Human, Mouse, Rat
Application	WB, IHC-P
Recommended dilution	WB: 1:500-1:1000 IHC: 1:50-1:100
Calculated MW	14 kDa
Observed MW	14 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	7E2-2A1-8D2
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 H2B in Hela and COS7 lysates using Histone H2B antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast caricnoma using Histone H2B antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.