

**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

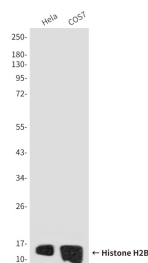
<b>Background</b>	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
<b>Immunogen</b>	Synthetic Peptide of Histone H2B
<b>Gene ID</b>	3018
<b>Swiss Prot</b>	P33778
<b>Synonyms</b>	H2BK5ac; H2B 1A; H2B; H2B histone family; H2B2f; H2Ba; H2Bf; HIST2H2BF; histone H2B; histone H2B type 1; Histone H2B type 2-F
<b>Reactivity</b>	Human, Mouse, Rat
<b>Application</b>	WB, IHC-P
<b>Recommended dilution</b>	WB: 1:500-1:1000 IHC: 1:50-1:100
<b>Calculated MW</b>	14 kDa
<b>Observed MW</b>	14 kDa
<b>Host species</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	7E2-2A1-8D2
<b>Isotype</b>	IgG1
<b>Purity</b>	Affinity Purification

**Conjugation**

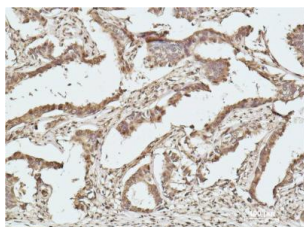
Un-conjugated

**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 carcinoma using Histone H2B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.