

Histone H2B (Di Methyl Lys5) rabbit pAb

Cat No.: ES20559

For research use only

Overview

Product Name Histone H2B (Di Methyl Lys5) rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human;Mouse;Rat **Recommended dilutions** WB: 1:500-1000

ImmunogenSynthetic Peptide of Histone H2B (Di Methyl Lys5)SpecificityThe antibody detects endogenous Histone H2B (Di

Methyl Lys5) protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Histone H2B type 1-A/Histone H2B type 1-B/Histone

H2B type 1-C/E/F/G/I

Gene Name HIST1H2BC

Cellular localization Nucleus . Chromosome .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal

Concentration

Observed band 14kD

Human Gene ID 255626/3018/3017/8339/8343/8344/8346/8347

Human Swiss-Prot Number Q96A08/P33778/P62807

Alternative Names H2BK5ME2; HIST1H2BA; TSH2B; Histone H2B type

1-A; Histone H2B, testis; Testis-specific histone H2B; HIST1H2BB; H2BFF; Histone H2B type 1-B; Histone H2B.1; Histone H2B.f; H2B/f; HIST1H2BC; H2BFL; HIST1H2BE; H2BFH; HIST1H2BF; H2BFG; HIST1H2BG;

H2BFA; HIST1H

Background Histones are basic nuclear proteins that are

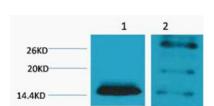
responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped



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around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a testis/sperm-specific member of the histone H2B family. Transcripts from this gene contain a palindromic termination element. [provided by RefSeq, Aug 2015],



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Western blot analysis of 1) Hela, 2) 3T3, diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

