

Mouse Histone H2B Monoclonal Antibody | anti-H2B antibody

Histone H2B Monoclonal Antibody (Mix)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320451	Mouse	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Histone H2B; Monoclonal Antibody; Histone H2B Monoclonal Antibody (Mix); Histone H2B type 1-B; HIST1H2BB; H2BFF; Histone H2B.1; Histone H2B.f; H2B/f; anti-H2B antibody

PRODUCT SPECIFICATIONS

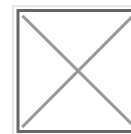
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	Mix
Specificity	The antibody detects endogenous Histone H2B protein.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-H2B antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Synthetic Peptide of Histone H2B
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



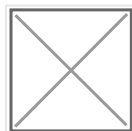
IF (Immunofluorescence)

Immunofluorescence analysis of Rat-heart tissue. 1.Histone H2B Monoclonal Antibody(Mix)(red) was diluted at 1:200(4 degree C.overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature. 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



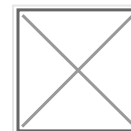
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse-kidney tissue. 1.Histone H2B Monoclonal Antibody(Mix)(red) was diluted at 1:200(4 degree C.overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature. 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



IF (Immunofluorescence)

Immunofluorescence analysis of Human-liver-cancer tissue. 1.Histone H2B Monoclonal Antibody(Mix)(red) was diluted at 1:200(4 degree C.overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature. 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



IF (Immunofluorescence)

Immunofluorescence analysis of Hela cell. 1.BrP44L Polyclonal Antibody(green) was diluted at 1:200(4 degree overnight). (red) was diluted at 1:200(4 degree overnight). 2. Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000(room temperature. 50min). Goat Anti Mouse Alexa Fluor 594 was diluted at 1:1000(room temperature. 50min).



WB (Western Blot)

Western blot analysis of 1) HeLa. 2) 3T3. 3) Raw264.7. 4) Rat Brain. 5) Rat Kidney. diluted at 1:2000. cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003.Inventibiotech.MN.USA).

ADDITIONAL INFORMATION

Related Product Information for anti-H2B antibody	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 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 member of the histone H2B family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015]
Product Categories/Family for anti-H2B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	10800140
NCBI GeneID	3018
NCBI Accession #	NP_066406.1
NCBI GenBank Nucleotide #	NM_021062.2
UniProt Accession #	P33778; Q4KN36
Molecular Weight	13,950 Da
NCBI Official Full Name	histone H2B type 1-B
NCBI Official Synonym Full Names	histone cluster 1, H2bb
NCBI Official Symbol	HIST1H2BB
NCBI Official Synonym Symbols	H2B.1; H2B/f; H2BFF
NCBI Protein Information	histone H2B type 1-B; H2B histone family, member F; histone 1, H2bb; histone H2B.1; histone H2B.f
UniProt Protein Name	Histone H2B type 1-B
UniProt Gene Name	HIST1H2BB
UniProt Synonym Gene Names	H2BFF; H2B/f
UniProt Entry Name	H2B1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.