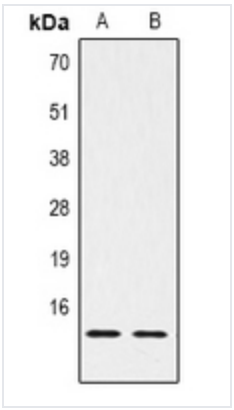
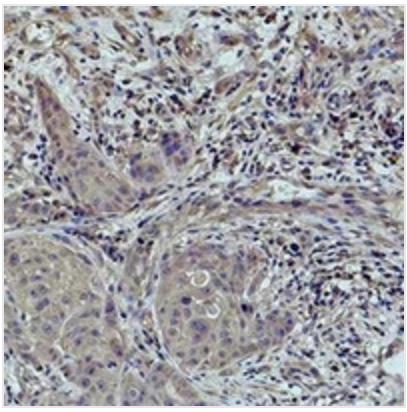
Histone H2B (H2B) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Histone H2B, Polyclonal Antibody
Full Product Name	Rabbit anti-Histone H2B (MonoMethyl K5) Antibody
Product Gene Name	anti-H2B antibody
Product Synonym Names	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; HIST1H2BI; H2BFK; Histone H2B type 1-C/E/F/G/I; Histone H2B.1 A; Histone H2B.a; H2B/a; Histone H2B.g; H2B/g; Histone H2B.h; H2B/h; Histone H2B.k; H2B/k; Histone H2B.l; H2B/l
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	127
Chromosome Location	Chromosome: 6; NC_000006.11 (25727137..25727573). Location: 6p22.2
OMIM	609904
3D Structure	ModBase 3D Structure for Q96A08
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Histone H2B. The exact sequence is proprietary.
Product Categories/Family for anti-H2B antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-H2B antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-H2B antibody	WB: 1:500-1:1000 IHC: 1:100-1:200
Related Product Information for anti-H2B antibody	MBS4509988 is an antibody targeting H2B. Also known as Rabbit anti-Histone H2B (MonoMethyl K5) Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-H2B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-H2B antibody
Western blot analysis of Histone H2B (MonoMethyl K5) expression in Hela (A), NIH3T3 (B) whole cell lysates.



Immunohistochemistry (IHC) of anti-H2B antibody
Immunohistochemical analysis of Histone H2B (MonoMethyl K5) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for H2B. It may not necessarily be applicable to this product.

NCBI GI #	24586679
NCBI GeneID	255626
NCBI Accession #	NP_733759.1
UniProt Primary Accession #	Q96A08
UniProt Secondary Accession #	P33778; P62807; P70696; Q64475; Q6ZWY9; Q00729
UniProt Related Accession #	Q96A08
GenBank Nucleotide #	NM_170610.2
NCBI Official Full Name	histone H2B type 1-A
NCBI Official Synonym Full Names	histone cluster 1, H2ba
NCBI Official Symbol	HIST1H2BA
NCBI Official Synonym Symbols	STBP; H2BFU; TSH2B; bA317E16.3
UniProt Protein Name	Histone H2B type 1-A
UniProt Synonym Protein Names	Histone H2B, testis; Testis-specific histone H2B
Protein Family	Histone H2B subacrosomal
UniProt Gene Name	HIST1H2BA
UniProt Synonym Gene Names	TSH2B
UniProt Entry Name	H2B1A_HUMAN
NCBI Protein Information	histone H2B type 1-A; histone 1, H2ba; histone H2B, testis; testis-specific histone H2B; H2B histone family, member U, (testis-specific)
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