

**ImuGeX GmbH**

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Product OverView	
Product name	Anti-Acetyl-Histone H2B type 1-C (K85) Antibody
Catalog No	IGX-40103
Supplier's Catalog No	IGX-40103
Supplier	ImuGeX
Host species	Rabbit
Species reactivity	Human
Applications	ELISA, ICC, ChIP
Recommended dilutions	ICC: 1:1-1:10
Molecular weight	N/A
Conjugate	Unconjugated
Immunogen	Peptide sequence around site of Acetyl-Lys (85) derived from Human Histone H2B type 1-C/E/F/G/I
Specificity	Acetyl-Histone H2B type 1-C (K85) antibody detects endogenous level of Acetyl-Histone H2B type 1-C (K85) protein

Product Properties	
Storage	Store at +4°C for short term (1 week), for long term aliquote and store at -20°C or -80°C. Avoid repeated freeze and thaw cycles, with each freeze and thaw cycle an antibody can lose half of its binding activity.
Clonality	Polyclonal
Isotype	IgG
Clone ID	N/A
Concentration	Concentration can vary between different batches.
Storage buffer	Phosphate-buffered saline (pH 7.4) containing 0.03% Proclin and 50% Glycerol.
Formulation	Liquid
Purification	This antibody is immunogen affinity purified.
Handling	This product contains Proclin as preservative, please take appropriate care when handling this product.
Reactivity life	12 months when stored properly according to instructions (provided antibody remains sterile).

Target Gene	
Description	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. Has broad antibacterial activity. May contribute to the formation of the functional antimicrobial barrier of the colonic epithelium, and to the bactericidal activity of amniotic fluid.
Other names	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, HIST1H2BC, HIST1H2BE, HIST1H2BF, HIST1H2BG, HIST1H2BI, H2BFL, H2BFH, H2BFG, H2BFA, H2BFK
Cellular localization	Nucelus, Chromosome
Research area	Epigenetics & Nuclear Signaling
Note	This product is for research purpose only, not for use in diagnostics or as therapeutics.
Uniprot ID	P62807

Product Citations
