

## Product Datasheet

### HIST1H2BC Antibody (orb517018)

<b>Catalog Number</b>	orb517018
<b>Category</b>	Antibodies
<b>Description</b>	This Acetyl-HIST1H2BC (K20) Antibody is an unconjugated polyclonal product. It targets HIST1H2BC using a Peptide sequence around site of Acetyl-Lys (20) derived from Human Histone H2B type 1-C/E/F/G/I as the immunogen. This antibody is suitable for ChIP, ELISA, ICC, IF, IP, WB. Purification: Antigen Affinity Purified.
<b>Target</b>	HIST1H2BC
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Buffer/Preservatives</b>	Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol
<b>Purification</b>	Antigen Affinity Purified
<b>Immunogen</b>	Peptide sequence around site of Acetyl-Lys (20) derived from Human Histone H2B type 1-C/E/F/G/I
<b>UniProt ID</b>	<b>P62807</b>
<b>Tested applications</b>	ChIP, ELISA, ICC, IF, IP, WB

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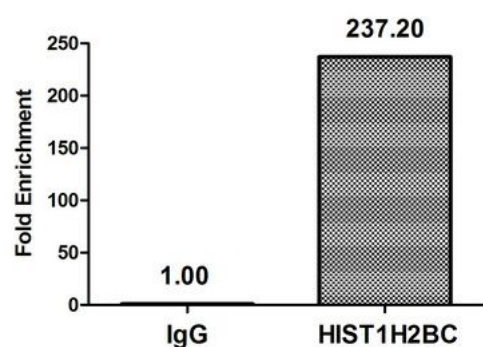
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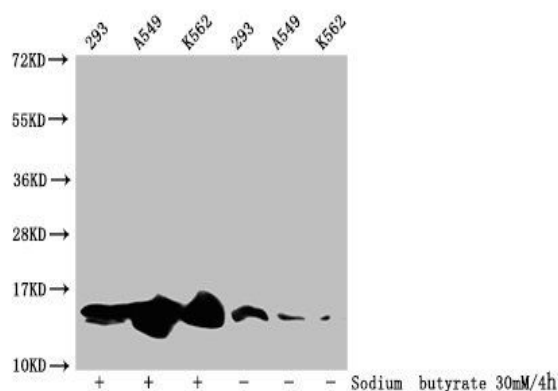
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<b>Dilution range</b>	WB:1:500-1:5000, ICC:1:500-1:1000, IF:1:50-1:200, IP:1:200-1:2000
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Chromatin Immunoprecipitation HeLa (4\*10<sup>6</sup>) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5ug anti- Acetyl-HIST1H2BC (K20) antibody or a control normal rabbit IgG. The resulting CHIP DNA was quantified using real



Western blot aanalysis of HeLa whole cell lysate, 293 whole cell lysate, A549 whole cell lysate, K562 whole cell lysate using Acetyl-HIST1H2BC (K20) antibody

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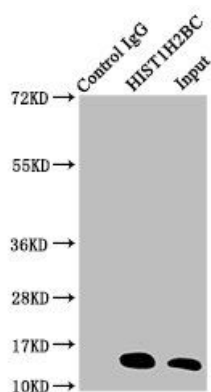
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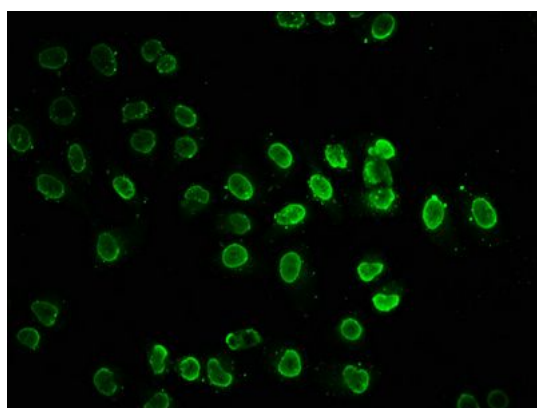
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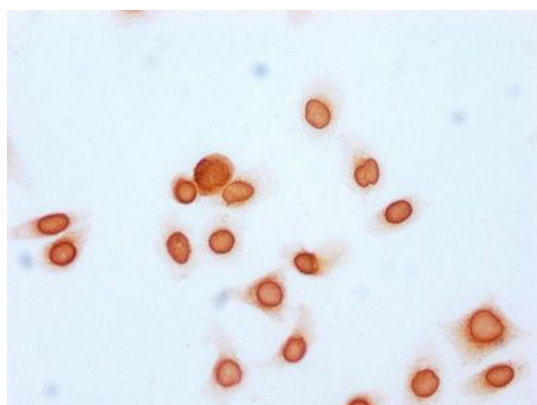
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Immunoprecipitation analysis of A549 whole cell lysate using Acetyl-HIST1H2BC (K20) antibody



Immunofluorescence staining of HeLa cells (treated with 30mM sodium butyrate for 4h) using Acetyl-HIST1H2BC (K20) antibody



Immunocytochemistry analysis of HeLa cells using Acetyl-HIST1H2BC (K20) antibody

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