

# Histone H2BK20ac (acetyl Lys20) antibody [GT578]

**Cat. No. GTX633409**

|                     |                   |
|---------------------|-------------------|
| <b>Host</b>         | Mouse             |
| <b>Clonality</b>    | Monoclonal        |
| <b>Isotype</b>      | IgG1              |
| <b>Applications</b> | WB, ICC/IF, IHC-P |
| <b>Reactivity</b>   | Human, Mouse      |

**Package**  
100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | Assay dependent      |
| IHC-P              | Assay dependent      |

Not tested in other applications.

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS                                                                                                                                                                                                                        |
| <b>Preservative</b>  | No preservatives                                                                                                                                                                                                           |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1.1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                 |
| <b>Immunogen</b>     | Carrier-protein conjugated synthetic peptide surrounding acetyl Lys20 of human Histone H2B. The exact sequence is proprietary.                                                                                             |
| <b>Purification</b>  | Affinity purified by Protein G.                                                                                                                                                                                            |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

### Note

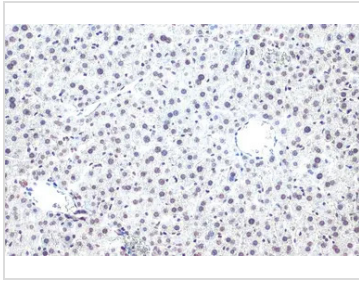
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DATA IMAGES



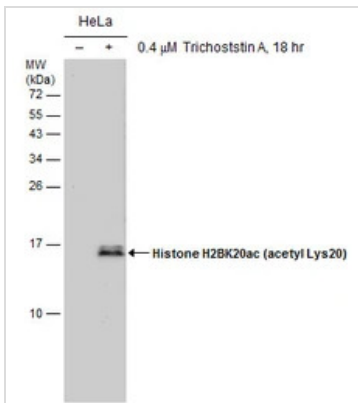
**GTX633409 IHC-P Image**

Histone H2BK20ac (acetyl Lys20) antibody [GT578] detects Histone H2BK20ac (acetyl Lys20) protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse liver.

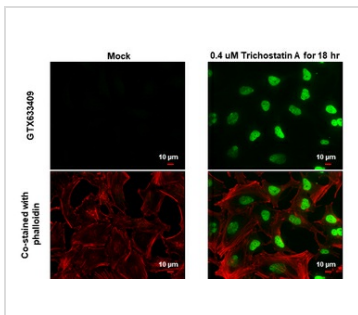
Histone H2BK20ac (acetyl Lys20) stained by Histone H2BK20ac (acetyl Lys20) antibody [GT578] (GTX633409) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**GTX633409 WB Image**

Untreated (-) and treated (+) HeLa whole cell extracts (30 μg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H2BK20ac (acetyl Lys20) antibody [GT578] (GTX633409) diluted at 1:1000.



**GTX633409 ICC/IF Image**

Histone H2BK20ac (acetyl Lys20) antibody [GT578] detects Histone H2BK20ac (acetyl Lys20) protein at nucleus by immunofluorescent analysis.

Sample: Mock and treated HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Histone H2BK20ac (acetyl Lys20) stained by Histone H2BK20ac (acetyl Lys20) antibody [GT578] (GTX633409) diluted at 1:500.

Red: phalloidin, a cytoskeleton marker, diluted at 1:100.

Scale bar= 10 μm.



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