

# Histone H4K20me1 (monomethyl Lys20) antibody

**Cat. No. GTX128959**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, Dot
<b>Reactivity</b>	Human, Mouse

[Reference \( 1 \)](#)

**Package**

100 µl, 25 µl

## APPLICATION

### Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
Dot	1:500

Not tested in other applications.

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.01% Thimerosal
<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 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide surrounding mono-methyl Lys20 of human Histone H4. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

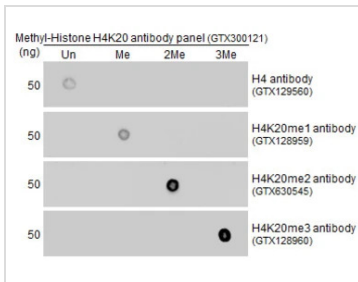
### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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**DATA IMAGES**

**GTX128959 Dot Image**

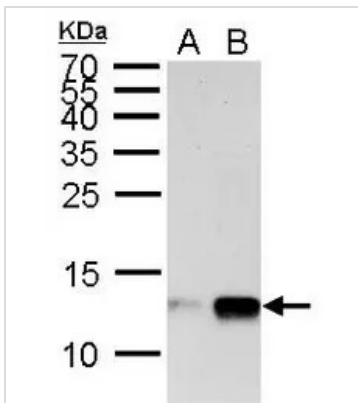
Dot blot analysis of various of H4K20 methylation peptides using Histone H4K20me1 (monomethyl Lys20) antibody (GTX128959) at antibody dilution of 1:500.

Un : H4 protein peptide

Me : H4K20 mono-methyl peptide

2Me : H4K20 di-methyl peptide

3Me : H4K20 Tri-methyl peptide


**GTX128959 WB Image**

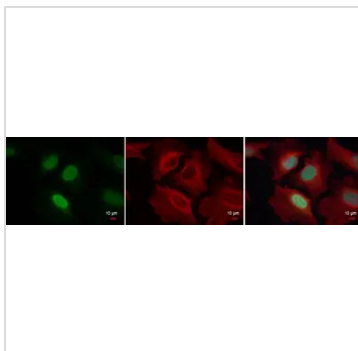
Histone H4 (mono methyl Lys20) antibody detects Histone H4 (mono methyl Lys20) protein by Western blot analysis.

A. 30 µg HeLa whole cell lysate/extract

B. 30 µg HeLa nuclear lysate/extract

15 % SDS-PAGE

Histone H4 (mono methyl Lys20) antibody (GTX128959) dilution: 1:1000


**GTX128959 ICC/IF Image**

Histone H4 (mono methyl Lys20) antibody detects Histone H4 (mono methyl Lys20) protein at nucleus by immunofluorescent analysis.

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

Green: Histone H4 (mono methyl Lys20) protein stained by Histone H4 (mono methyl Lys20) antibody (GTX128959) diluted at 1:500.

Red: alpha Tubulin antibody [GT114], a cytoskeleton marker, stained by GTX628802 diluted at 1:500.

Blue: Hoechst 33342 staining.



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