

## Histone H3S28ph (phospho Ser28) antibody

**Cat. No. GTX128953**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, Dot
<b>Reactivity</b>	Human

References ( 2 )

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	1:100-1:1000
IHC-P	1:100-1:1000
Dot	Assay dependent

Not tested in other applications.

## Properties

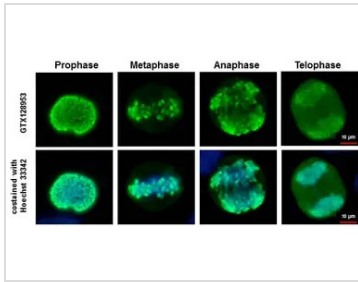
<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.01% Thimerosal
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid 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 phospho Ser28 of human Histone H3. 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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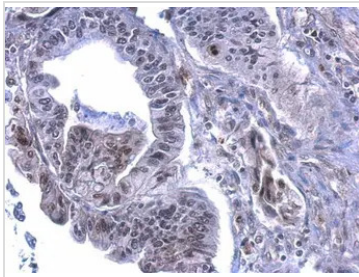
**DATA IMAGES**

**GTx128953 ICC/IF Image**

Histone H3 (phospho Ser28) antibody detects Histone H3 (phospho Ser28) protein at chromosome in asynchronous HeLa cells.

Sample: HeLa cells were fixed in 2% paraformaldehyde for 30 min.

Green: Histone H3 (phospho Ser28) protein stained by Histone H3 (phospho Ser28) antibody (GTx128953) diluted at 1:500.

Blue: Hoechst 33342 staining.

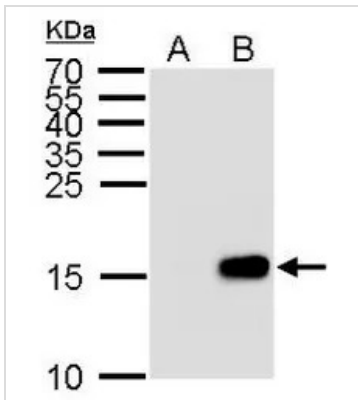

**GTx128953 IHC-P Image**

Histone H3 (phospho Ser28) antibody detects Histone H3 (phospho Ser28) protein at nucleus on human gastric cancer by immunohistochemical analysis.

Sample: Paraffin-embedded gastric cancer.

Histone H3 (phospho Ser28) antibody (GTx128953) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


**GTx128953 WB Image**

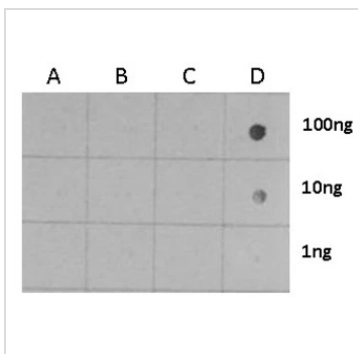
Histone H3 (phospho S28) antibody detects Histone H3 (phospho S28) protein by Western blot analysis.

A. 30 μg HeLa whole cell lysate/extract (untreated)

B. 30 μg HeLa whole cell lysate/extract (100 ng/ml Nocodazole treatment for 24 hr)

15 % SDS-PAGE

Histone H3 (phospho S28) antibody (GTx128953) dilution: 1:1000


**GTx128953 Dot Image**

Dotblot analysis of anti-Histone H3 (phospho Ser28) antibody with peptide samples.

Varied amount of peptide samples were spotted onto positively charged nylon membrane and blotted with Histone H3 (phospho Ser28) antibody (GTx128953) 1:5000 dilution.

A: Peptide samples of H3S10 un

B: Peptide samples of H3S10ph

C: Peptide samples of H3S28 un

D: Peptide samples of H3S28ph



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