

Histone H3S28ph (phospho Ser28) antibody [HTA28]

Cat. No. GTX60927

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, FCM
Reactivity	Human, Mouse, Bovine, Hamster

Package
100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	0.5-1 µg/ml
ICC/IF	Assay dependent
FCM	Assay dependent

Not tested in other applications.

Product Note
Monoclonal Anti-Phospho-Histone H3 (pSer28) reacts specifically with histone H3 phosphorylated at Ser28 near its N-terminus, and does not detect the unphosphorylated epitope. It detects the phosphorylated histone molecule at the onset of mitosis (prophase, metaphase and weaker at the beginning of anaphase), but not during late anaphase. Reactivity has been observed with human, bovine, hamster and mouse.

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	15mM Sodium azide
Storage	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.
Concentration	~0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	synthetic peptide corresponding to amino acids 23-35 (pSer28) of human histone H3.
Purification	Purified immunoglobulin
Conjugation	Unconjugated



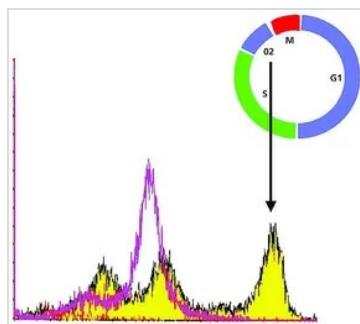
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Date 2026 / 01 / 28 Page 1 of 2

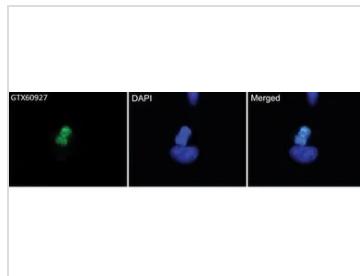
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Note

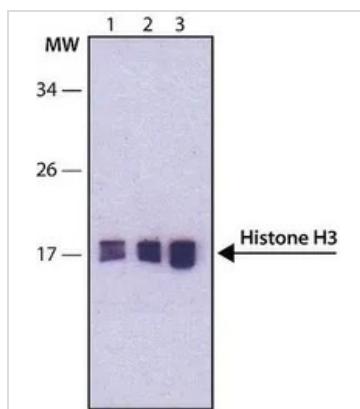
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DATA IMAGES**GTX60927 FCM Image**

FACS analysis of human leukemic cells using GTX60927 Histone H3 (phospho Ser28) antibody [HTA28].

**GTX60927 ICC/IF Image**

ICC/IF analysis of HeLa cells using GTX60927 Histone H3 (phospho Ser28) antibody [HTA28] at 5 µg/mL(green) with DAPI(blue). Cells were fixed and permeabilized with methanol followed by methanol:acetone.

**GTX60927 WB Image**

WB analysis of HeLa cell lysate using GTX60927 Histone H3 (phospho Ser28) antibody [HTA28].

Lane 1 : Antibody dilution 0.5 µg/mL

Lane 2 : Antibody dilution 1 µg/mL

Lane 3 : Antibody dilution 2 µg/mL



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Date 2026 / 01 / 28 Page 2 of 2