

Histone H3K27me3S28ph (Tri-methyl Lys27/phospho Ser28) antibody - ChIP grade

Cat. No. GTX60329

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IP, Dot, ELISA, ChIP assay
Reactivity	Human

Package

50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:250 - 1:500
ICC/IF	1:200
IP	5 µl
Dot	1:20,000
ELISA	1:100 - 1:500
ChIP assay	1 µl

Not tested in other applications.

Properties

Form	Liquid
Buffer	Serum
Preservative	0.05% 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.
Immunogen	Histone H3 containing the trimethylated lysine 27 and the phosphorylated serine 28 (H3K27me3S28p), using a KLH-conjugated synthetic peptide.
Purification	Unpurified
Conjugation	Unconjugated



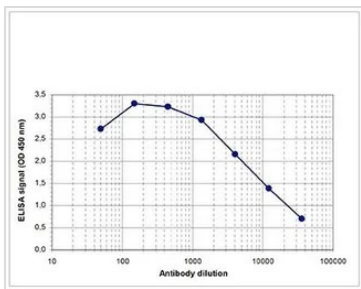
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Note

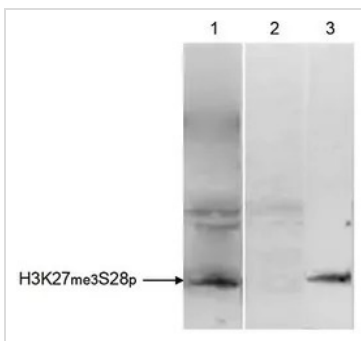
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DATA IMAGES



GTX60329 ELISA Image

ELISA analysis of peptide containing the histone modifications of interest using GTX60329 Histone H3K27me3S28ph (Tri-methyl Lys27/phospho Ser28) antibody - ChIP grade.



GTX60329 IP Image

IP analysis of HeLa cells were treated with colcemid (to block the cell cycle in metaphase) using GTX60329 Histone H3K27me3S28ph (Tri-methyl Lys27/phospho Ser28) antibody - ChIP grade.

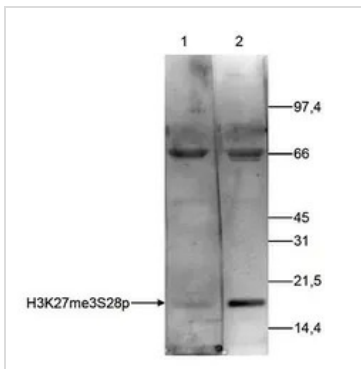
IP reaction : 5 µl antibody / 1x10⁴ cells

Lane 1 : Primary antibody

Lane 2 : No antibody control

Lane 3 : Input

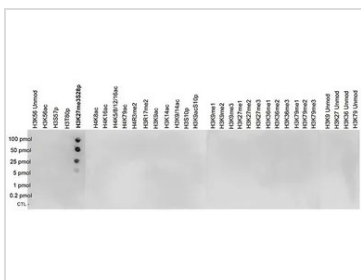
Dilution : 1:500



GTX60329 WB Image

WB analysis of histone extracts (15 µg) from HeLa cells using GTX60329 Histone H3K27me3S28ph (Tri-methyl Lys27/phospho Ser28) antibody - ChIP grade.

Dilution : 1:250



GTX60329 Dot Image

Dot blot analysis of 0.2 - 100 pmol of the peptides containing other modifications of histone H3 and H4 and unmodified sequences from histone H3 using GTX60329 Histone H3K27me3S28ph (Tri-methyl Lys27/phospho Ser28) antibody - ChIP grade.

Dilution : 1:20,000



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