

Histone H4S1ph (phospho Ser1) antibody [RM194]

Cat. No. GTX60903

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA
Reactivity	Human

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	0.5 µg/mL - 2 µg/mL
ICC/IF	1 µg/mL - 2 µg/mL
ELISA	0.2 µg/mL - 1 µg/mL

Not tested in other applications.

Product Note

This antibody reacts to Histone H4 phosphorylated at Serine 1. The reactivity is not affected by neighboring Arginine 3 modifications. No cross reactivity with Histone H2A phosphorylated at Serine 1.

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 50% Glycerol
Preservative	0.09% 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	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	A phospho-peptide corresponding to the Phospho-Histone H4 (pSer1).
Purification	Protein A purified From tissue culture supernatant
Conjugation	Unconjugated



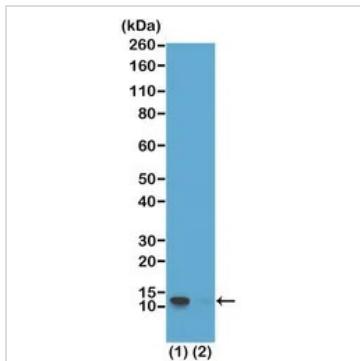
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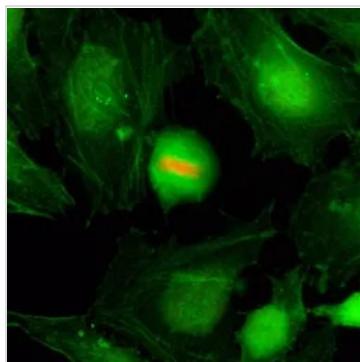
Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES**GTX60903 WB Image**

WB analysis of extracts of HeLa cells (Lane 1) and recombinant Histone H4 protein (Lane 2) using GTX60903 Histone H4S1ph (phospho Ser1) antibody [RM194].

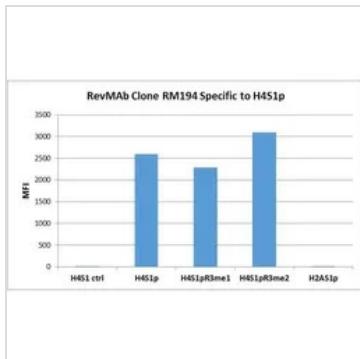
Dilution : 1 μ g/ml

**GTX60903 ICC/IF Image**

ICC/IF analysis of HeLa cells using GTX60903 Histone H4S1ph (phospho Ser1) antibody [RM194].

Red : Primary antibody

Green : Actin

**GTX60903 Image**

The GTX60903 reacts to Histone H4 phosphorylated at Serine 1 (H4S1p). The reactivity is not affected by neighboring Arginine 3 modifications (H4S1pR3me1 and H4S1pR3me2). No cross reactivity with Histone H2A phosphorylated at Serine 1 (H2AS1p).



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