

## Histone H2A/H4 (phospho Ser1) antibody [RM216]

## Cat. No. GTX33601

|              |                   |
|--------------|-------------------|
| 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 or Histone H2A phosphorylated at Serine 1. No cross reactivity with other phosphorylated Histones.

## 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 Phospho-Histone H2A (pSer1).  |
| Purification  | Protein A purified<br>From tissue culture supernatant  |
| Conjugation   | Unconjugated   |



For full product information, images and publications, please visit our [website](#).

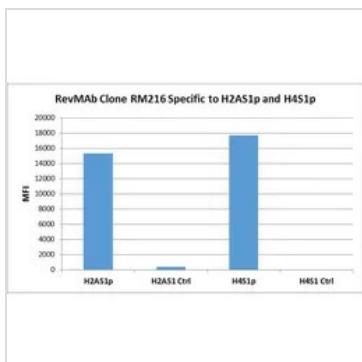
Date 2026 / 01 / 11 Page 1 of 2

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

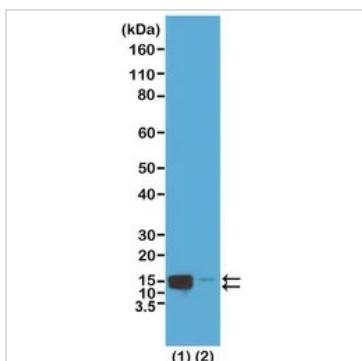
**Note**

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

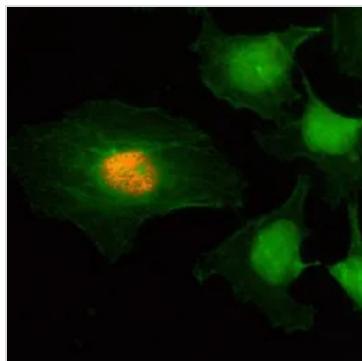
**GTX33601 Image**

The GTX33601 reacts to both Histone H2A and H4phosphorylated at Serine 1 (H2AS1p and H4S1p).

**GTX33601 WB Image**

WB analysis of acid extracts of HeLa cells treated (1) or non-treated (2) with Nocodazole using GTX33601 Histone H2A/H4 (phospho Ser1) antibody [RM216].

Dilution : 0.5 $\mu$ g/ml

**GTX33601 ICC/IF Image**

ICC/IF analysis of HeLa cells using GTX33601 Histone H2A/H4 (phospho Ser1) antibody [RM216].

Red : Primary antibody

Green : Actin



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 11 Page 2 of 2