

## Anti-Hydroxyl-Histone H2A (Y39) Antibody (2Y846)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	2Y846
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of Calreticulin expression in (1) NIH/3T3 cell lysate; (2) A549 cell lysate.
Application:	IHC,WB
Recommended	IHC: 1:100-1:200; WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human Histone H2A around the hydroxylation site of Y39
Synonyms:	H2A/c;HIST1H2AI;HIST1H2AL;H2AFP;HIST1H2AM;HIST1H2AK;H2ai;H2AFC;Histone H2A type 1; H2AFI;H2A1;H2AFN;HIST1H2AG;Histone H2A/p;Histone cluster 1;H2A.1;H2AFD

### Research Background

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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