

## Anti-Phospho-Histone H2A (Ser129) Antibody (4R250)

### Product Details

Ig Type:	IgG
Reactivity:	Yeast
Conjugation:	Unconjugated
Clone:	4R250
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of Phospho-Histone H2A (S129) expression in <i>Saccharomyces cerevisiae</i> treated with Methyl methanesulfonate.
Application:	WB
Recommended	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: yeast Histone H2A around the phosphorylation site of S129 HIST1H2AM;HIST1H2AK;p-Histone H2A (S129);HIST1H2AG;H2A/c;Histone H2A (p-Ser129);
Synonyms:	H2AFD;Histone H2A (p-S129);HIST1H2AL;H2AFI;FLJ92027;H2A.1;H2AFN;H2AFP;H2AFC;p-Histone H2A (Ser129);member C;H2A histone family;H2A1;HIST1H2AI

### Research Background

Core component of nucleosome which plays a central role in DNA double strand break (DSB) repair. 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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