

## Anti-Propionyl-Histone H4 (Lys5) Antibody (8S915)

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Clone:	8S915
Purification:	Antigen affinity purification

## Applications

	Blocking buffer: 5% NFDM/TBST
	Primary ab dilution: 1: 2000
	Primary ab incubation condition: 2 hours at room temperature
	Secondary ab: Goat Anti-Mouse IgG H&L (HRP)
Verified Activity:	Lysate: (-) HeLa, (+) HeLa+Sodium propionate (10 mM, 4 h)
	Protein loading quantity: 20 µg
	Exposure time: 60 s
	Predicted MW: 11 kDa
	Observed MW: 11 kDa
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Gene ID:	8359
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## Research Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. [provided by RefSeq, Jul 2008]

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