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Datasheet for ABIN5579946  
**anti-HIST4H4 antibody (acLys5)**

1 Image

### Overview

Quantity:	100 µg
Target:	HIST4H4
Binding Specificity:	acLys5
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HIST4H4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	Recombinant rabbit monoclonal antibody raised against of human histone H4 (acetyl K5).
Immunogen:	Original antibody is raised against a synthetic acetyl peptide corresponding to residues surrounding K5 of human Histone H4.
Clone:	RM199
Isotype:	IgG
Specificity:	This antibody reacts to Histone H4 acetylated at Lysine 5. No cross reactivity with other acetylated Lysines in Histone H4.

### Target Details

Target:	HIST4H4
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## Target Details

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Alternative Name:	HIST4H4 ( <a href="#">HIST4H4 Products</a> )
Background:	Full Gene Name: histone cluster 4, H4 Synonyms: H4/p,MGC24116
Gene ID:	121504
Pathways:	<a href="#">Telomere Maintenance</a>

## Application Details

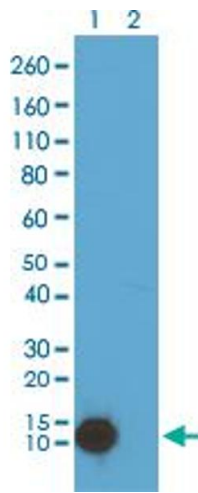
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Application Notes:	ELISA (0.2 µg/mL-1 µg/mL) Western Blot (0.2 µg/mL-1 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	In PBS (50 % glycerol, 1 % BSA, 0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot to avoid repeated freezing and thawing.



### Western Blotting

**Image 1.** Western blot analysis of Lane 1: acid extracts of HeLa cell and Lane 2: recombinant Histone H4 with Histone H4 (acetyl K5) monoclonal antibody, clone RM199 at 0.2 ug/mL working concentration, showed a band of Histone H4 acetylated at Lysine 5.