



Datasheet for ABIN5579948  
**anti-HIST4H4 antibody (meArg3)**



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	HIST4H4
Binding Specificity:	meArg3
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 (monomethyl R3).
Immunogen:	Original antibody is raised against a synthetic monomethyl peptide corresponding to residues surrounding R3 of human Histone H4.
Clone:	RM195
Isotype:	IgG
Specificity:	This antibody reacts to Histone H4 monomethylated at Arginine 3. No cross reactivity with unmodified Arginine 3, asymmetric or symmetric dimethylated Arginine 3, and citrullinated Arginine 3 in Histone H4.

## Target Details

---

Target:	HIST4H4
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

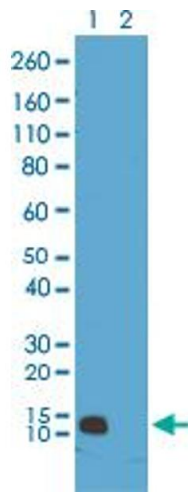
---

Application Notes:	ELISA (0.2 µg/mL-1 µg/mL) Western Blot (0.5 µg/mL-2 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

## Handling

---

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 (monomethyl R3) monoclonal antibody, clone RM195 at 0.5 ug/mL working concentration, showed a band of Histone H4 monomethylated at Arginine 3.