

Datasheet for ABIN5579890

**anti-HIST1H2BB antibody (acLys20)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	HIST1H2BB
Binding Specificity:	acLys20
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HIST1H2BB antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunocytochemistry (ICC)

## Product Details

Purpose:	Recombinant rabbit monoclonal antibody raised against of human histone H2B (acetyl K20).
Immunogen:	Original antibody is raised against a synthetic acetyl peptide corresponding to residues surrounding K20 of human Histone H2B.
Clone:	RM235
Isotype:	IgG
Specificity:	This antibody reacts to histone H2B acetylated at K20. No cross reactivity with non-modified K20 or other acetylated lysines in histone H2B.
Cross-Reactivity:	Human

## Target Details

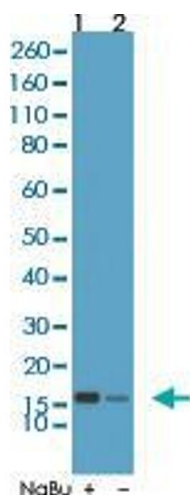
Target:	HIST1H2BB
Alternative Name:	HIST1H2BB ( <a href="#">HIST1H2BB Products</a> )
Background:	Full Gene Name: histone cluster 1, H2bb Synonyms: H2B.1,H2B/f,H2BFF,MGC119804
Gene ID:	3018
Pathways:	<a href="#">Telomere Maintenance</a>

## Application Details

Application Notes:	ELISA (0.2-1 µg/mL) Immunocytochemistry (1-2 µg/mL) Multiplex (0.1-0.5 µg/mL) Western Blot (0.5-2 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

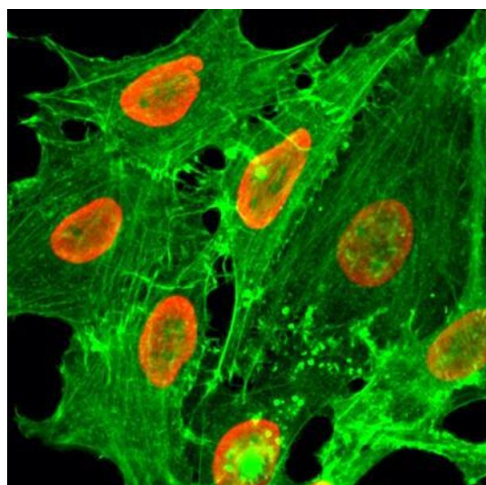
## Handling

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 treated with sodium butyrate and Lane 2: acid extracts of HeLa cell with Histone H2B (acetyl K20) monoclonal antibody, clone RM235 at 0.5 ug/mL working concentration.



### Immunocytochemistry

**Image 2.** Immunocytochemistry staining of HeLa cells treated with sodium butyrate using Histone H2B (acetyl K20) monoclonal antibody, clone RM235 (Red). Actin filaments have been labeled with fluorescein phalloidin (Green).