



[Go to Product page](#)

Datasheet for ABIN729973

anti-Histone H1 antibody (acLys52)

4 Images

Overview

Quantity:	100 µL
Target:	Histone H1
Binding Specificity:	acLys52
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H1 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic acetylpeptide derived from human Histone H1.4 around acetylation site of Lys52
Isotype:	IgG
Specificity:	This antibody will react with members of the Histone H1 family that have an acetylated lysine positioned in the motif AS(Ac-K)ER. This include H1.1, H1.2, H1.3, H1.4, and H1.5.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Histone H1
Abstract:	Histone H1 Products
Background:	<p>Synonyms: H1E, H1.4, H1F4, H1s-4, dJ221C16.5, Histone H1.4, Histone H1b, Histone H1s-4, HIST1H1E</p> <p>Background: Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity).</p>
Gene ID:	3008
UniProt:	P10412

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

Handling

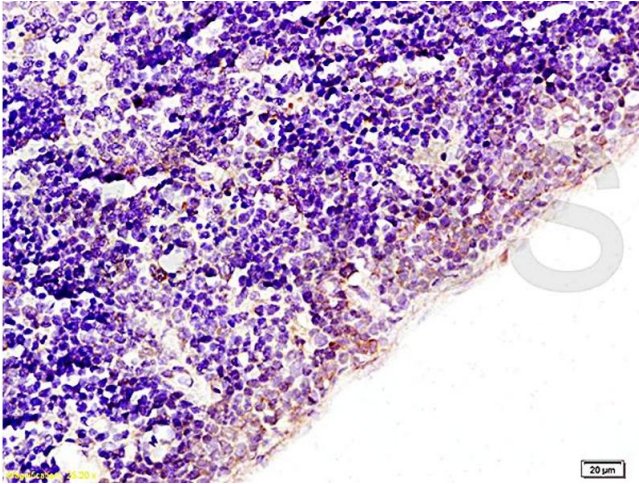
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

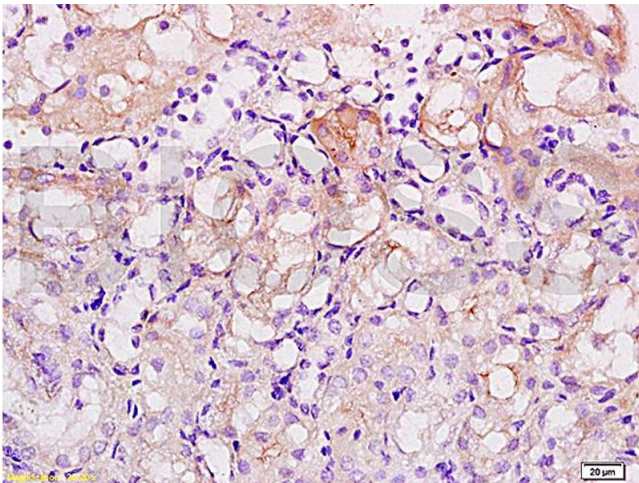
Expiry Date: 12 months

Images



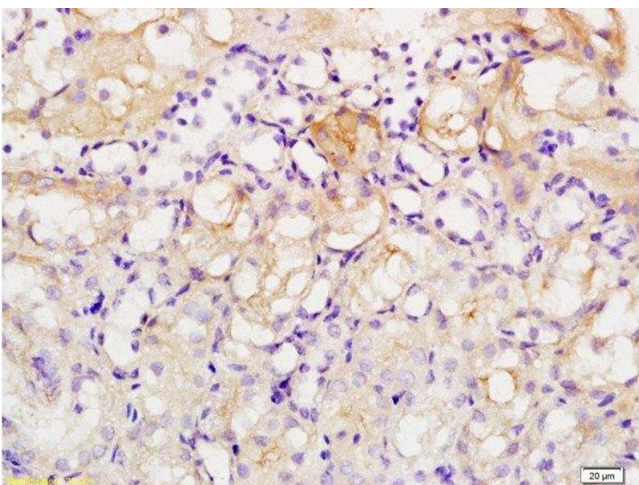
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat spleen tissue labeled with Anti-Acetyl-Histone H1b(K53) Polyclonal Antibody (ABIN729973), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human kidney tissue labeled with Anti-Acetyl-Histone H1b(K53) Polyclonal Antibody (ABIN729973), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded human kidney tissue labeled with Anti-Acetyl-Histone H1b(K53) Polyclonal Antibody , Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN729973.