



Datasheet for ABIN7139668  
**anti-HIST1H3A antibody (3meLys27)**



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	HIST1H3A
Binding Specificity:	3meLys27
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H3A antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Peptide sequence around site of Tri-methyl-Lys (27) derived from Human Histone H3.1
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	HIST1H3A
Alternative Name:	HIST1H3A ( <a href="#">HIST1H3A Products</a> )
Background:	Background: Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a

## Target Details

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template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Aliases: H3 histone family member E pseudogene antibody, H3 histone family, member A antibody, H3/A antibody, H31\_HUMAN antibody, H3F3 antibody, H3FA antibody, Hist1h3a antibody, HIST1H3B antibody, HIST1H3C antibody, HIST1H3D antibody, HIST1H3E antibody, HIST1H3F antibody, HIST1H3G antibody, HIST1H3H antibody, HIST1H3I antibody, HIST1H3J antibody, HIST3H3 antibody, histone 1, H3a antibody, Histone cluster 1, H3a antibody, Histone H3 3 pseudogene antibody, Histone H3.1 antibody, Histone H3/a antibody, Histone H3/b antibody, Histone H3/c antibody, Histone H3/d antibody, Histone H3/f antibody, Histone H3/h antibody, Histone H3/i antibody, Histone H3/j antibody, Histone H3/k antibody, Histone H3/l antibody

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UniProt: [P68431](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:2000, ICC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

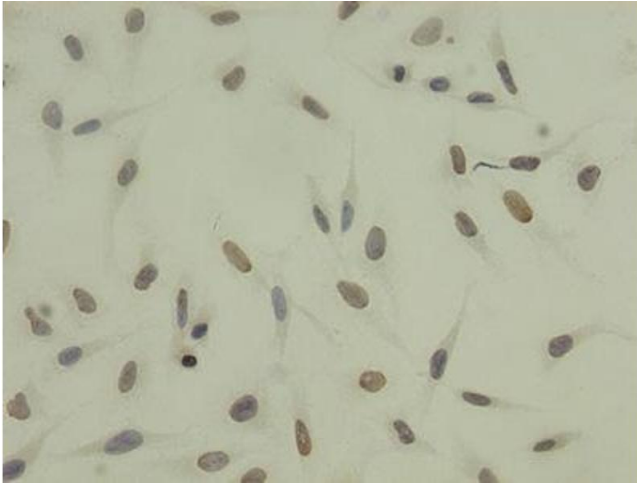
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

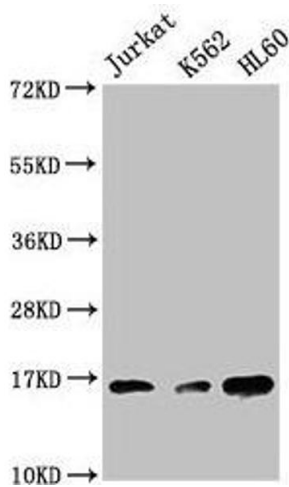
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



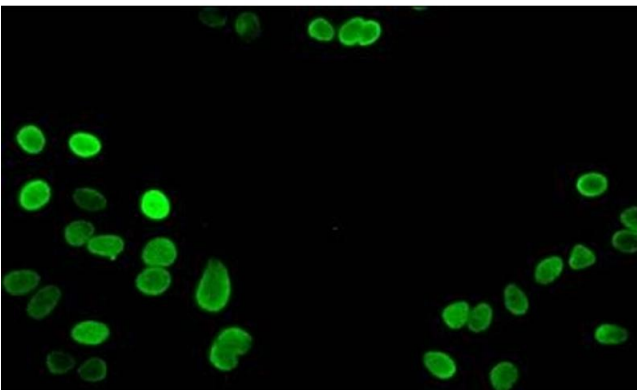
### Immunocytochemistry

**Image 1.** Immunocytochemistry analysis of HeLa cells using ABIN7139668 at dilution of 1:100



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Jurkat whole cell lysate, K562 whole cell lysate, HL60 whole cell lysate All lanes: HIST1H3A antibody at 1:500 Secondary Goat polyclonal to rabbit IgG at 1/40000 dilution Predicted band size: 16 kDa Observed band size: 16 kDa



### Immunofluorescence

**Image 3.** Immunofluorescent analysis of HeLa cells using ABIN7139668 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)