

Datasheet for ABIN5542710

anti-Histone Cluster 2, H3c (HIST2H3C) (acLys27) antibody[Go to Product page](#)**5** Images

Overview

Quantity:	100 µL
Target:	Histone Cluster 2, H3c (HIST2H3C)
Binding Specificity:	acLys27
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Purpose:	HIST2H3C (27Ac) Antibody
Immunogen:	Synthesized peptide of human HIST2H3C (AA: ATKAARK(Ac)SAPATGGV).
Clone:	6E7A9
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	Histone Cluster 2, H3c (HIST2H3C)
Alternative Name:	HIST2H3C (HIST2H3C Products)
Background:	Description: Histones are basic nuclear proteins that are responsible for the nucleosome

Target Details

structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails, instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated, this record represents the telomeric copy.

Aliases: H3, H3.2, H3/M, H3F2, H3FM, H3FN

Molecular Weight: 15.4kDa

Gene ID: 126961

HGNC: 126961

UniProt: [Q71DI3](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Format: Liquid

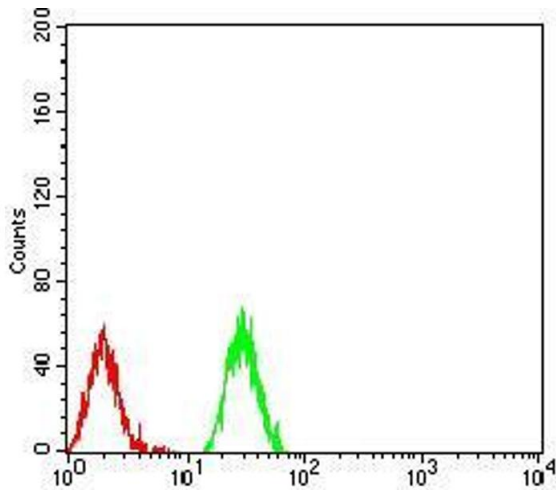
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

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

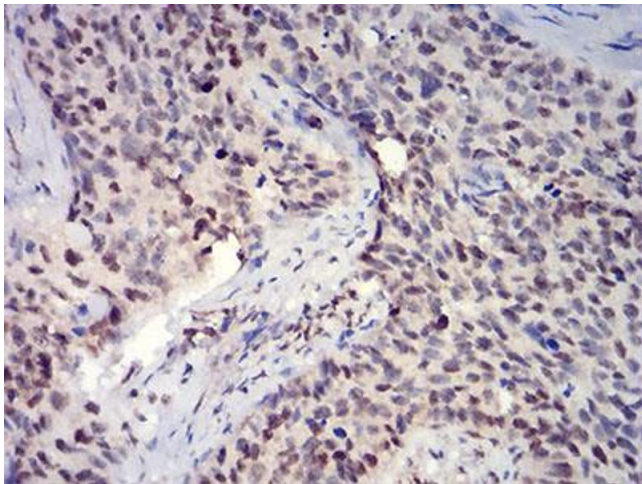
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



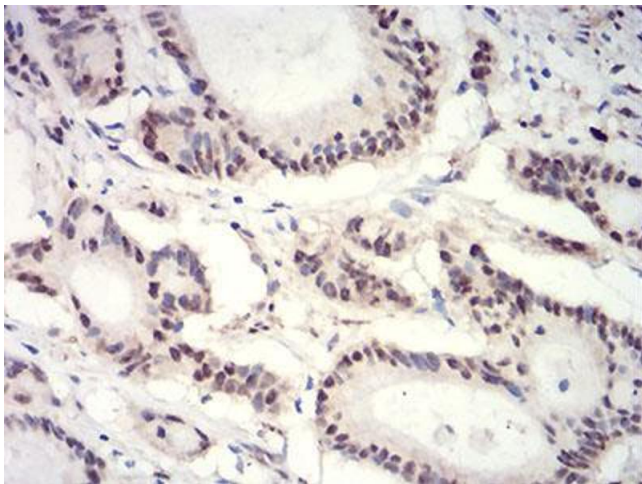
Flow Cytometry

Image 1. Flow cytometric analysis of Raji cells using HIST2H3C(27Ac) mouse mAb (green) and negative control (red).



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using HIST2H3C(27Ac) mouse mAb with DAB staining.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded colon cancer tissues using HIST2H3C(27Ac) mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542710.