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Datasheet for ABIN5542709

anti-Histone Cluster 2, H3c (HIST2H3C) (acLys27) antibody

5 Images

Overview

Quantity:	0.1 mg
Target:	Histone Cluster 2, H3c (HIST2H3C)
Binding Specificity:	acLys27
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthesized peptide of human HIST2H3C (AA: ATKAARK(Ac)SAPATGGV) .
Clone:	2D7B3
Isotype:	IgG1

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 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

Target Details

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:	15.4 kDa
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Gene ID:	126961
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HGNC:	126961
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Application Details

Application Notes:	ELISA: 1:10000, WB: , IHC: 1:200 - 1:1000, ICC: , FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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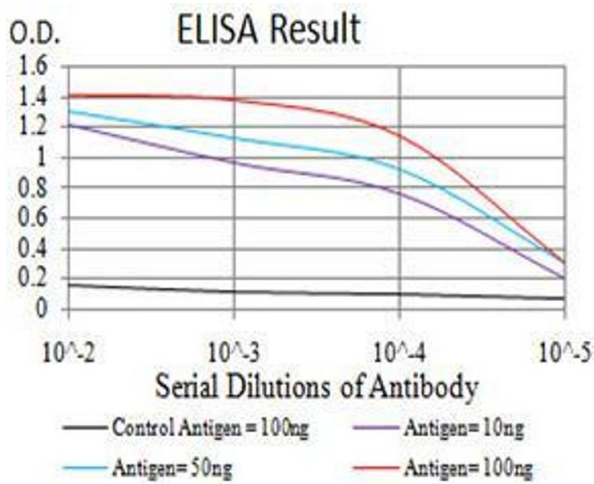
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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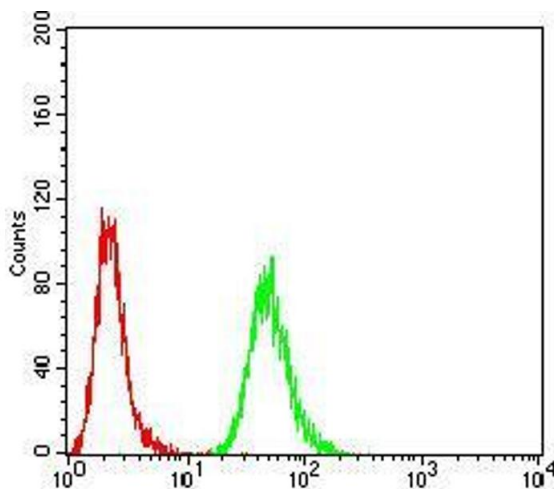
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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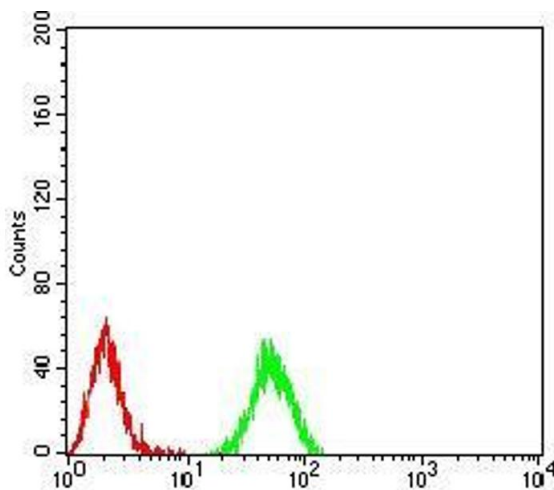
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Flow Cytometry

Image 2. Flow cytometric analysis of *** cells using *** mouse mAb (green) and negative control (red).



Flow Cytometry

Image 3. Flow cytometric analysis of *** cells using HIST2H3C(27Ac) mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542709.