

HIST1H1C recombinant antibody

HIST1H1C Recombinant Monoclonal Antibody

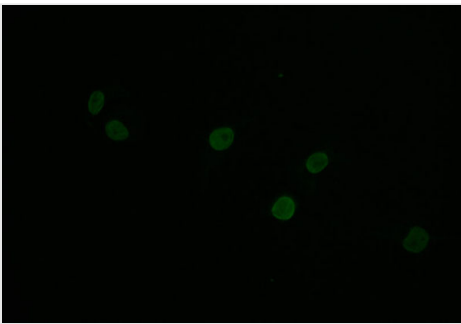
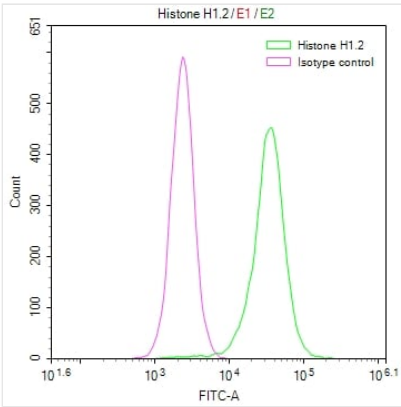
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279084	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

HIST1H1C; Monoclonal Recombinant Antibody; HIST1H1C Recombinant Monoclonal Antibody; Histone H1.2 (Histone H1c)(Histone H1d)(Histone H1s-1); H1F2; HIST1H1C recombinant antibody

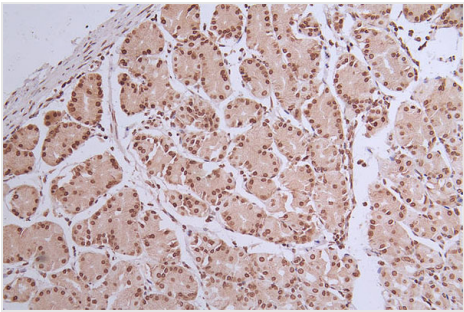
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	16H4
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for HIST1H1C recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human HIST1H1C
Conjugation	Non-conjugated
Research Area	Epigenetics and Nuclear Signaling
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



IF (Immunofluorescence)
Immunofluorescence staining of Hela with AAA279084 at 1:30, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 504-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

FCM/FACS (Flow Cytometry)
Overlay Peak curve showing Hela cells stained with AAA279084 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



IHC (Immunohistochemistry)
IHC image of AAA279084 diluted at 1:50 and staining in paraffin-embedded human stomach tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.32% DAB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885375
NCBI GeneID	3006
NCBI Accession #	NP_005310.1
NCBI GenBank Nucleotide #	NM_005319.3
UniProt Accession #	P16403; A8K4I2
Molecular Weight	21,365 Da
NCBI Official Full Name	histone H1.2
NCBI Official Synonym Full Names	histone cluster 1 H1 family member c
NCBI Official Symbol	HIST1H1C
NCBI Official Synonym Symbols	H1C; H1.2; H1F2; H1s-1
NCBI Protein Information	histone H1.2

UniProt Protein Name	Histone H1.2
UniProt Gene Name	HIST1H1C
UniProt Synonym Gene Names	H1F2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hist1h1c-recombinant-antibody-clone-16h4-flow-cytometry-immunofluorescence-immunohistochemistry-elisa/279084>