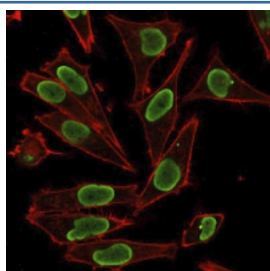


Histone H1 Antibody (V3323)

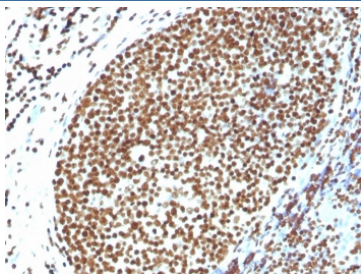
Catalog No.	Formulation	Size
V3323-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3323-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3323SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

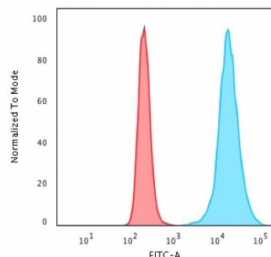
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Protein A affinity chromatography
UniProt	P07305
Localization	Nuclear
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 1-2ug/ml
Limitations	This Histone H1 antibody is available for research use only.



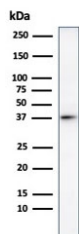
Immunofluorescent staining of PFA-fixed human HeLa cells with Histone H1 antibody (green) and Phalloidin (red).



IHC testing of FFPE human tonsil and Histone H1 antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Flow cytometry testing of permeabilized human HeLa cells with Histone H1 antibody; Red=isotype control, Blue= Histone H1 antibody.



Western blot testing of human heart lysate with Histone H1 antibody. Observed molecular weight ~22/30-33 kDa (unmodified/modified).

Description

Histones H1 are necessary for the condensation of nucleosome chains into higher-order structures. The H1F0 histones are found in cells that are in terminal stages of differentiation or that have low rates of cell division. [UniProt]

Application Notes

Optimal dilution of the Histone H1 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the Histone H1 antibody.

Storage

Store the Histone H1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).