

Histone H1.4 Antibody FITC Conjugated

Catalog No: #C00701F

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Description

Product Name	Histone H1.4 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC,IF
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide derived from human Histone H1.4
Conjugates	FITC
Target Name	Histone H1.4
Other Names	HIST1H1E; H1F4; Histone H1.4; Histone H1b; H14_HUMAN; Histone H1s-4.
Accession No.	NCBI Gene ID3008
Uniprot	P10412
GeneID	3008;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

Histone H1b are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.

Note: This product is for in vitro research use only