

Histone H2A Antibody FITC Conjugated

Catalog No: #C04918F

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Description

Product Name	Histone H2A Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 10-60 130 derived from human Histone H2A
Conjugates	FITC
Target Name	Histone H2A
Other Names	H2A; H2A q; H2AFQ; H2A-GL101; Histone H2A type 2-C; Histone H2A-GL101; Histone H2A q; HIST2H2AC
Accession No.	Swiss-Prot#Q16777NCBI Gene ID8338
Uniprot	Q16777
GeneID	8338;
Excitation Emission	494nm 518nm
Cell Localization	Nucleus
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

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Note: This product is for in vitro research use only