

Histone H3 (Phospho-Ser11) Antibody FITC Conjugated

Catalog No: #C04531F

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Description

Product Name	Histone H3 (Phospho-Ser11) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	HuB MsB RtB B B B B
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 5-45 136 derived from human Histone H3 around the phosphorylation site of Ser11
Conjugates	FITC
Target Name	Histone H3 Ser11
Other Names	H3t; H3.4; H3 g; H3FT; Histone H3.1t; H3 t; HIST3H3
Accession No.	Swiss-Prot#Q16695NCBI Gene ID8290
Uniprot	Q16695
GeneID	8290;
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

Flow-Cyt=2ug/TestIF=1:50-200B

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