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[Primary Antibody]

Recombinant Rabbit Anti-H3C1 Monoclonal Antibody

Catalog Number: SLA3030M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	4A11
GeneID:	8350
SWISS:	P68431
Target:	H3C1
Immunogen:	A synthesized peptide derived from human Histone H3.1 around the phosphorylation site of S28
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Flow-Cyt (1:50-100) ICC/IF (1:100-500) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	15 kDa
Subcellular Location:	Nucleus
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.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.