
Product name:	Phospho-Histone H3-S10 Rabbit mAb
Cat number:	MAB0002
Conjugate:	Unconjugated
Size:	100 ug
Clone:	ARC0003
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthetic peptide. This information is considered to be commercially sensitive
Reactivity:	Human, Mouse, Rat, Other (Wide Range Predicted)
Applications:	WB 1:500 - 1:1000 IHC-P 1:50 - 1:200 IF/ICC 1:50 - 1:200 ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Molecular Weight:	17kDa
Purification:	Affinity purification
Form:	liquid
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Background:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.