

Product name:	DiMethyl-Histone H3 (Lys27) Mouse Monoclonal Antibody
Cat number:	MABN84831
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1
Immunogen:	Synthetic Peptide of Histone H3 (Di Methyl Lys27)
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:1000,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight:	Calculated MW: 15 kDa; Observed MW: 15 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide,0.5%BSA and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	H3 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.