

<b>Product name:</b>	Phospho-Histone H2A.X (Ser139) Mouse Monoclonal Antibody
<b>Cat number:</b>	MABN84923
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mouse
<b>Isotype:</b>	Mouse IgG1
<b>Immunogen:</b>	Synthetic phosphopeptide corresponding to residues surrounding Ser139 of human H2A.X.
<b>Reactivity:</b>	Human,Mouse
<b>Applications:</b>	WB 1:500-1:1000,ICC 1:50-1:200
<b>Molecular Weight:</b>	Calculated MW: 15 kDa; Observed MW: 15 kDa
<b>Purification:</b>	Affinity Purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Purified antibody in PBS with 0.05% sodium azide,0.5%BSA and 50% glycerol.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. 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.