Phospho-Histone H2A.X (Ser139) Antibody

Cat. No.:	HY-P80941
Synonyms:	Phospho-Histone H2A.X (Ser139) Antibody is a non-conjugated and Mouse origined monoclonal antibody about 15 kDa, targeting to Histone H2AX. It can be used for WB,ICC/IF assays with N-6*His-tag, in the background of Human, Mouse.
Host:	Mouse
Reactivity:	Human, Mouse
Conjugation:	Non-conjugated
SwissProt ID:	P16104
Research Field:	Epigenetics and Nuclear Signaling
Molecular Weight:	Predicted band size: 15 kDa

PROPERTIES

Formulation	Supplied in PBS (pH7.3), 0.05% BSA and 50% Glycerol. Preservative: 0.02% Sodium Azide.
Purity	Affinity Purified
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Appearance	Liquid

Application & Dilution Ratio

Application	Dilution Ratio
WB	1:500-1:1,000
IF	1:50-1:200

Shipping	Shipping with blue ice.

DESCRIPTION

Background

Histone H2AX: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a replication-independent histone that is a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. [provided by RefSeq, Oct 2015]

Caution: Product has not been fully validated for medical applications. For research use only.

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