

## Phospho-Histone H2A.X (Ser139) Recombinant Rabbit mAb

Catalog: BS43033

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

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]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

15 kDa

### Swiss-Prot:

P16104

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:2000-1:10000  
IHC: 1:200-1:1000  
ICC/IF: 1:200  
IP: 1:20

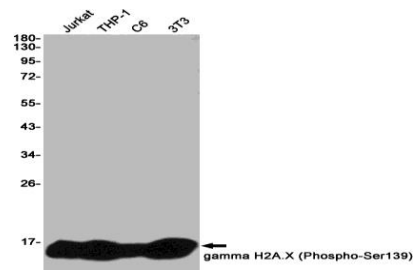
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of gamma H2A.X (Phospho-Ser139) in Jurkat, THP-1, C6, 3T3 cell lysates using gamma H2A.X (Phospho-Ser139) antibody (1:1000 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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