

Histone H2A.X monoclonal antibody

Catalog: MB11029

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

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.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 15 kDa; Observed MW: 15 kDa

Swiss-Prot:

P16104

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
IP: 1/20

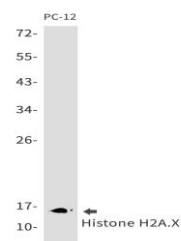
Storage&Stability:

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

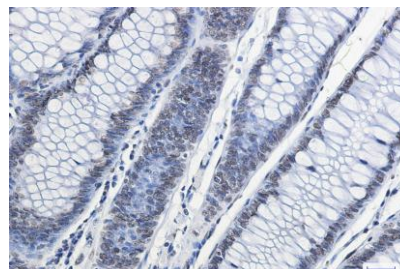
Isotype:

IgG

DATA:



Immunocytochemistry analysis of Histone H2A.X in HL-60 using Histone H2A.X antibody, and DAPI.



Western blot analysis of Histone H2A.X in PC-12 lysates using Histone H2A.X antibody.

Western blot analysis of Histone H2A.X in 3T3, HeLa lysates using Histone H2A.X antibody

Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Histone H2A.X antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note:

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

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