

Hydroxyl-Histone H2A (Tyr39) monoclonal antibody

Catalog: MB12330

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Product:

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

Molecular Weight:

Calculated MW: 14 kDa; Observed MW: 14 kDa

Swiss-Prot:

P04908

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100

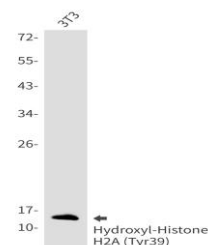
Storage&Stability:

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

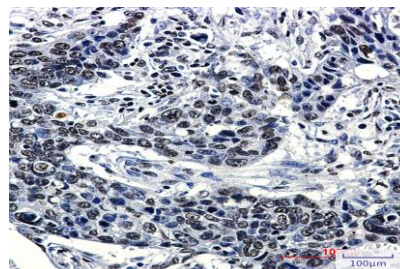
Isotype:

IgG

DATA:



Western blot analysis of Hydroxyl-Histone H2A in 3T3 lysates using Hydroxyl-Histone H2A antibody.



Western blot analysis of Hydroxyl-Histone H2A in HeLa, A549, HL-60 lysates using Hydroxyl-Histone H2A antibody. Observed band size: 14 kDa.

Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Hydroxyl-Histone H2A 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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