

Anti-Histone H2A Rabbit Monoclonal Antibody

Rabbit Monoclonal Antibody

Catalog # ABV11839

Product Information

Application	WB, ICC, E
Primary Accession	P04908 , P0C0S8 , P20671
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG

Additional Information

Positive Control	WB: HeLa, A375, SK-MEL-2, A431, and K562 cell lyastes; ICC: HeLa cells
Application & Usage	WB: 0.5 μ g/mL - 2 μ g/mL; ICC: 1 μ g/mL - 2 μ g/mL; ELISA: 0.2 μ g/mL - 1 μ g/mL; Multiplex: 0.2 μ g/mL - 1 μ g/mL.
Alias Symbol	HIST1H2AB
Other Names	Histone H2A type 1-B/E, Histone H2A.2, Histone H2A/a, Histone H2A/m
Appearance	Colorless liquid
Formulation	In 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-Histone H2A Rabbit Monoclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

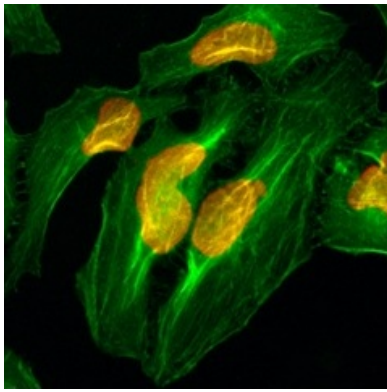
Protein Information

Background

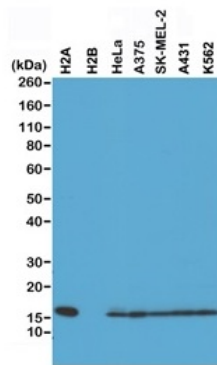
Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Images

Immunocytochemistry of Hela cells, using Histone H2A



rabbit mAb (red). Actin filaments have been labeled with fluorescein phalloidin (green).



Western blot of recombinant Histone H2A, H2B, the whole cell lysates of HeLa, A375, SK-MEL-2, A431 and K562, using H2A rabbit mAb at 0.5ug/ml.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.