

Mono-methyl-H2AFZ (K7) Antibody



PACO56660

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, ICC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, ICC:1:20-1:200,
IF:1:50-1:200

Protein 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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. May be involved in the formation of constitutive heterochromatin. May be required for chromosome segregation during cell division.

Gene ID:

H2AFZ

Uniprot

P0C0S5

Synonyms:

Histone H2A. Z (H2A/z), H2AFZ, H2AZ

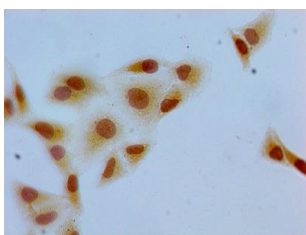
Immunogen:

Peptide sequence around site of Mono-methyl-Lys (7) derived from Human Histone H2A. Z.

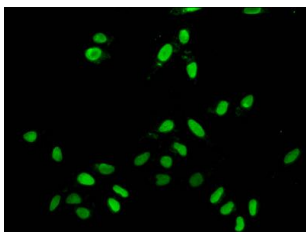
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Immunocytochemistry analysis of HeLa cells using PACO56660 at dilution of 1:100.



Immunofluorescent analysis of HeLa cells using PACO56660 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).