Data Sheet (Cat.No.TMAH-00768)

Anti-Mono/Di/Tri-methyl-Histone H3.1 (Lys14) Antibody (1L19)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	1L19
Purification:	Affinity-chromatography

Applications

Application:	ELISA

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide
Antigen Species:	Human
Gene ID:	8350
Uniprot ID:	P68431
Synonyms:	Mono/Di/Tri-methyl-Histone H3.1 (K14);Histone H3K14-mono/di/trimethylated;Histone H3.1; Mono/Di/TriMe-H3K14;HIST1H3A, HIST1H3B, HIST1H3C, HIST1H3D, HIST1H3E, HIST1H3F, HIST1H3G, HIST1H3H, HIST1H3I, HIST1H3J;H3K14me1/2/3;Histone H3;histone cluster 1, H3a; Mono/Di/Tri-Me-Histone H3.1 (Lys14);Mono/Di/Tri-Me-Histone H3.1 (K14)
Biology Area:	Epigenetics and Nuclear Signaling

Research 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.

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