

Anti-Histone H4 (TriMethyl-K20) Antibody

Catalog # AP95857

Product Information

Application	WB, FC
Primary Accession	P62805
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	11367

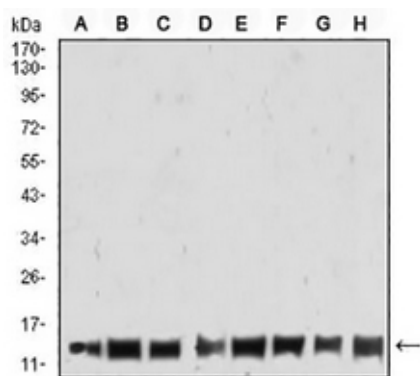
Additional Information

Gene ID	121504;554313;8294;8359;8360;8361;8362;8363;8364;8365;8366;8367;8368;8370
Other Names	H4/A; Histone H4
Target/Specificity	Synthesized peptide of human Histone H4 (TriMethyl-K20)
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

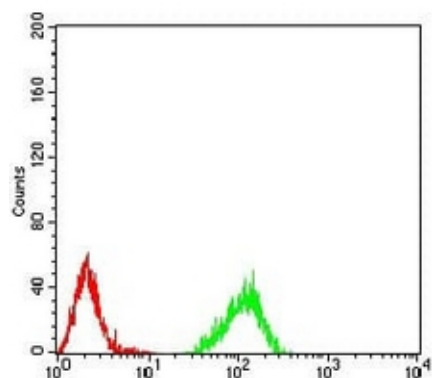
Protein Information

Name	H4C1
Synonyms	H4/A, H4FA, HIST1H4A
Function	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.
Cellular Location	Nucleus {ECO:0000250 UniProtKB:P62806}. Chromosome. Note=Localized to the nucleus when acetylated in step 11 spermatids. {ECO:0000250 UniProtKB:P62806}

Images



Western blot analysis of Histone H4 (TriMethyl-K20) expression in THP1 (A), Jurkat (B), K562 (C), NIT/3T3 (D), PC12 (E), Hela (F), MCF7 (G), A431 (H) whole cell lysates. (Predicted band size: 11 kD; Observed band size: 13 kD)



Flow cytometric analysis of Raji cells using Anti-Histone H4 (TriMethyl-K20) Antibody (green) and negative control (red).

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