

Anti-Histone H3 (Acetyl-K27) Antibody

Catalog # AP95859

Product Information

Application	WB, IHC, FC
Primary Accession	Q71DI3
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	15388

Additional Information

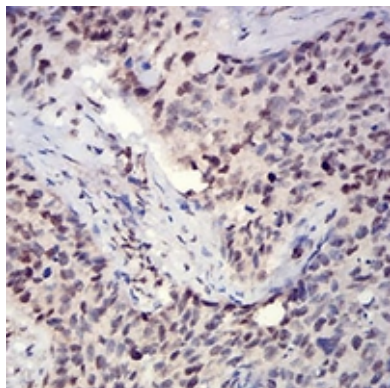
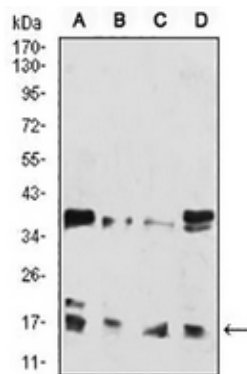
Gene ID	126961;333932;653604
Other Names	H3F2; H3FM; Histone H3.2; Histone H3/m; Histone H3/o
Target/Specificity	Synthesized peptide of human Histone H3 (Acetyl-K27)
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

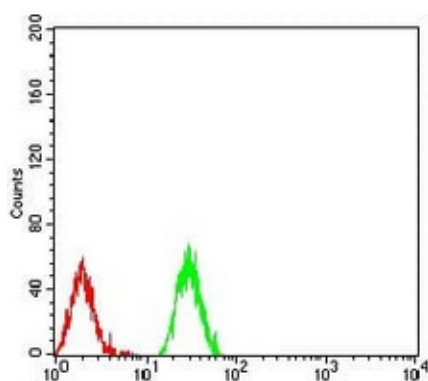
Name	H3C15 (HGNC:20505)
Function	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal 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. Chromosome.

Images

Western blot analysis of Histone H3 (Acetyl-K27) expression in Hela (A), Lncap (B), Jurkat (C), Jurkat (D) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 17 kD)



Immunohistochemical analysis of Histone H3 (Acetyl-K27) staining in human cervical cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of Raji cells using Anti-Histone H3 (Acetyl-K27) Antibody (green) and negative control (red).

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