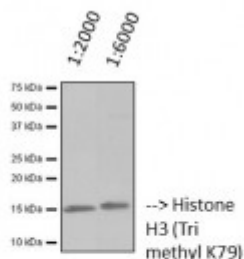


Anti-Histone H3 (Tri methyl K79) antibody



Western Blot (WB) analysis of HELA cells using Histone H3 (Tri Methyl Lys79) Monoclonal Antibody(3G3) at dilution 1:2000, 1:6000. (STJ96993)



Description

Histone H3 is a protein encoded by the HIST3H3 gene which is approximately 15,5 kDa. Histone H3 is localised to the nucleus and chromosome. It is involved in the DNA double-strand break repair and mitotic cell cycle. This protein falls under the histone family protein. Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). Histones play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. Histone H3 is expressed in the testicular cells. STJ96993 was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. The antibody detects endogenous Histone H3 (tri methyl K79) protein.

Model	STJ96993
Host	Mouse
Reactivity	Human, Mouse, Rat
Applications	IP, WB
Immunogen	Synthetic Peptide
Gene ID	8350
Gene Symbol	HIST1H3AHIST1H3BHIST1H3CHIST1H3DHIST1H3EHIST1H3FHIST1H3GHIST1H3HHIST1H3IHIST1H3J
Dilution range	WB 1:500-2000IP 1:200
Specificity	The antibody detects endogenous Histone H3 (tri methyl K79) protein.

Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Clone ID	3G3
Note	For Research Use Only (RUO).
Protein Name	Histone H3.1 Histone H3/a Histone H3/b Histone H3/c Histone H3/d Histone H3/f Histone H3/h Histone H3/i Histone H3/j Histone H3/k Histone H3/l
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4766OMIM:137800
Alternative Names	Histone H3.1 Histone H3/a Histone H3/b Histone H3/c Histone H3/d Histone H3/f Histone H3/h Histone H3/i Histone H3/j Histone H3/k Histone H3/l

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