

## Product datasheet for **TA384412**

### **H3FT (HIST3H3) Mouse Monoclonal Antibody [Clone ID: 6A6-5D1-10A10]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	6A6-5D1-10A10
Applications:	IF, IHC, IP, WB
Recommended Dilution:	WB: 1/500-2000 IP: 1/200 IF: 1/200 IHC: 1/50-300
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic Peptide of Histone H3 (Tri Methyl Lys79) (Methylated)
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.03% Proclin 300, pH 7.3.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Observed MW (kDa):15
Gene Name:	histone cluster 3, H3
Database Link:	<a href="#">Entrez Gene 8290 Human P68431</a>



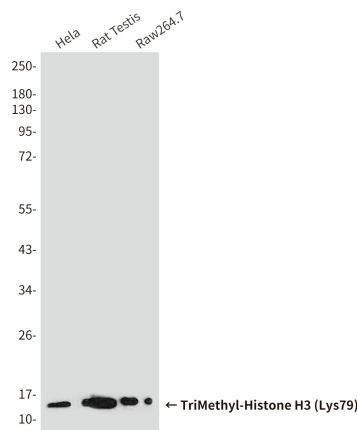
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**Background:**

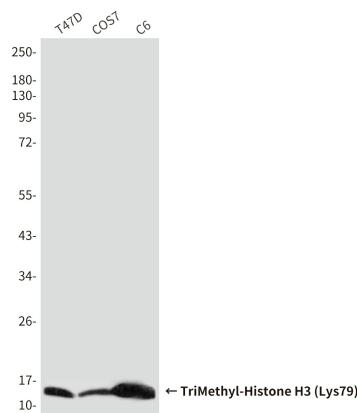
Swiss-Prot Acc.P68431.Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. Miscellaneous This histone is only present in mammals and is enriched in acetylation of Lys-15 and dimethylation of Lys-10 (H3K9me2).

**Synonyms:**

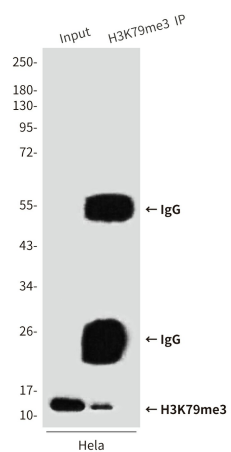
H3.4; H3/g; H3/t; H3FT; H3t; MGC126886; MGC126888

**Product images:**

Western blot analysis of TriMethyl-Histone H3 (Lys79) in HeLa, rat Testis, Raw264.7 lysates using Histone H3 (tri methyl K79) (3G3) antibody.



Western blot analysis of TriMethyl-Histone H3 (Lys79) (6A6) in T47D, COS7 and C6 lysates using TriMethyl-Histone H3 (Lys79) antibody.



Immunoprecipitation analysis of TriMethyl-Histone H3 (Lys79) (6A6) in HeLa lysates using TriMethyl-Histone H3 (Lys79) (6A6) antibody