

Product datasheet for TA384377M

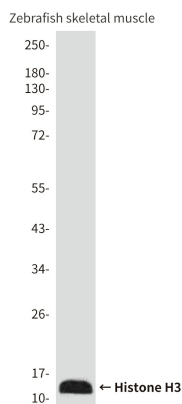
H3FT (HIST3H3) Mouse Monoclonal Antibody [Clone ID: 2C4-9G6-9A5]

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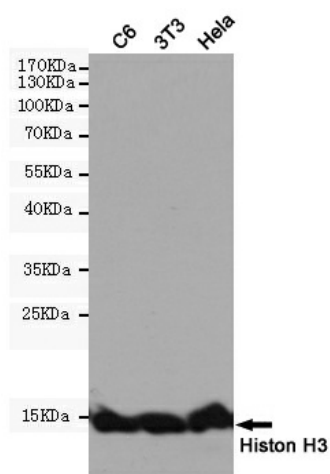
Product Type:	Primary Antibodies
Clone Name:	2C4-9G6-9A5
Applications:	WB
Recommended Dilution:	WB: 1/1000-3000
Reactivity:	Human, Mouse, Rat, Zebrafish
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic Peptide of Histone H3
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% 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:	Entrez Gene 8290 Human P68431
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.MiscellaneousThis 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


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Product images:



Western blot analysis of Histone H3 (Zebrafish Specific) in Zebrafish skeletal muscle lysates using Histone H3 (Zebrafish Specific) (2C4) antibody



Western blot detection of Histone H3 in C6, 3T3, HeLa cell lysates using Histone H3 (Zebrafish Specific) (2C4) Mouse mAb (1:10000 diluted). Predicted band size: 15 kDa. Observed band size: 15 kDa.