

Product datasheet for TA384422M

OriGene Technologies, Inc.

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H3FT (HIST3H3) Mouse Monoclonal Antibody [Clone ID: 10F5-7A8-1B7]

Product data:

Product Type: Primary Antibodies

Clone Name: 10F5-7A8-1B7

Applications: WB

Recommended Dilution: WB: 1/1000-3000

Reactivity: Human, Mouse, Rat

Host: Mouse Isotype: IgG1

Clonality: Monoclonal

Immunogen: Synthetic Peptide of Histone H3 (Mono Methyl Lys9) (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

Database Link:

Predicted Protein Size: Observed MW (kDa):15

Gene Name: histone cluster 3, H3

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. Miscellaneous This histone is only present in mammals and is enriched in

acetylation of Lys-15 and dimethylation of Lys-10 (H3K9me2).

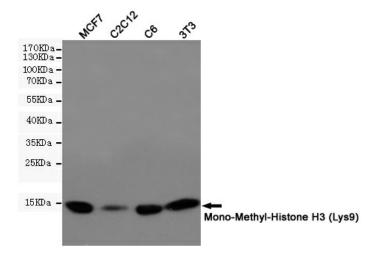
Synonyms: H3.4; H3/g; H3/t; H3FT; H3t; MGC126886; MGC126888

Entrez Gene 8290 Human

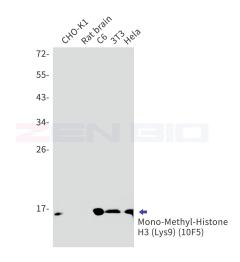




Product images:



Western blot detection of Mono-Methyl-Histone H3 in MCF7,C2C12,C6,3T3 cell lysates using Mono-Methyl-Histone H3 (Lys9) (10F5) Mouse mAb(1:1000 diluted).Predicted band size:15KDa.Observed band size:15KDa.



Western blot detection of Mono-Methyl-Histone H3 (Lys9) in CHO-K1,Rat brain,C6,3T3,Hela cell lysates using Mono-Methyl-Histone H3 (Lys9) (10F5) antibody. Observed band size:15kDa.