

## Product datasheet for **TA384377**

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

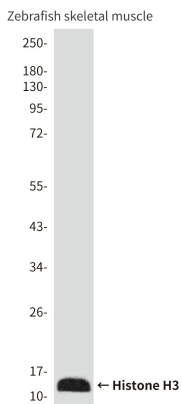
#### Product data:

|                         |  |
|-------------------------|--|
| 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:          | <a href="#">Entrez Gene 8290 Human P68431</a>  |
| 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  |

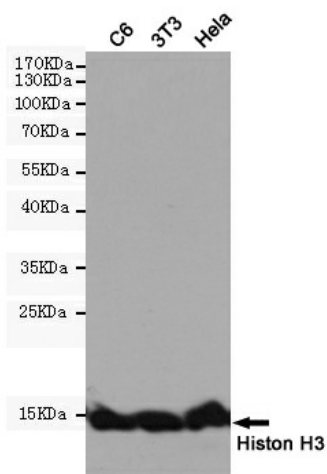


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**Product images:**



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:15KDa.Observed band size:15KDa.