

Product datasheet for TA384413M

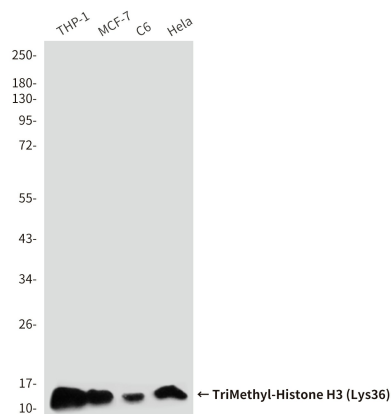
H3FT (HIST3H3) Mouse Monoclonal Antibody [Clone ID: 7G6-8F3-3H9]

Product data:

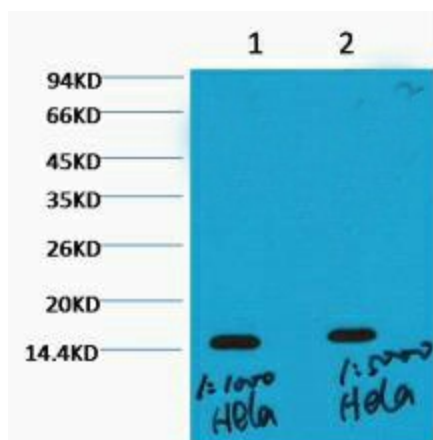
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | 7G6-8F3-3H9 |
| Applications: | WB |
| Recommended Dilution: | WB: 1/1000-3000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Synthetic Peptide of Histone H3 (Tri Methyl Lys36) (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: | 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 TriMethyl-Histone H3 (Lys36) (7G6) in THP-1, MCF-7, C6, HeLa lysates using TriMethyl-Histone H3 (Lys36) (7G6) antibody.



Western blot analysis of HeLa, diluted at 1) 1:1000 . 2) 1:5000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).