

Product datasheet for **TA384380M**

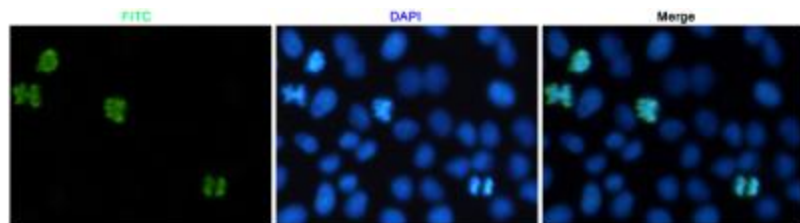
H3FT (HIST3H3) Rabbit Polyclonal Antibody

Product data:

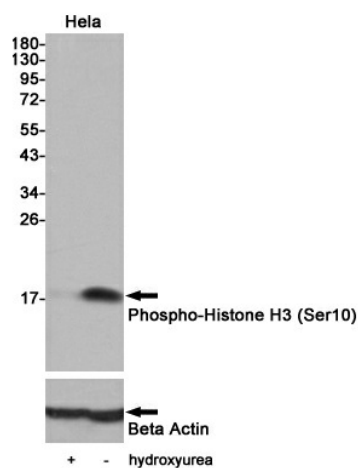
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IF, WB |
| Recommended Dilution: | WB: 1/1000 ICC: 1/200 |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Human Phospho-Histone H3(Ser10) synthetic peptide conjugated to KLH. (Phosphorylated) |
| 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: | 17kDa |
| 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. |
| Synonyms: | H3.4; H3/g; H3/t; H3FT; H3t; MGC126886; MGC126888 |


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Product images:



Immunofluorescent analysis of HeLa cells labeled with Phospho-Histone H3(Ser10) (dilution 1:200) Rabbit pAb. DAPI was used to stain nucleus(blue).



Western blot analysis of extracts from HeLa cells, untreated or 1mM hydroxyurea treated for 5 hours, using Phospho-Histone H3(Ser10) Rabbit pAb(1:1000 diluted).