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| **Product name:** | Histone H3 (Tri Methyl Lys4) Rabbit Monoclonal Antibody |
| **Cat number:** | MABN21106 |
| **Conjugate:** | Unconjugated |
| **Size:** | 100µL |
| **Clone:** | Monoclonal |
| **Concentration:** | 1mg/ml |
| **Host:** | Rabbit |
| **Isotype:** | IgG,Kappa |
| **Immunogen:** | A synthetic Methylated peptide corresponding to residues target protein |
| **Reactivity:** | Human,Mouse,Rat |
| **Applications:** | WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200 |
| **Molecular Weight:** | CalcuLated MW:15kD;Observed MW:17kD |
| **Purification:** | Protein A |
| **Form:** | Liquid |
| **Buffer:** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| **Storage:** | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| **Background:** | Cell localization:Nucleus. Chromosome..Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015], |