





Histone H3 Monoclonal Antibody, Cy3 Conjugated

Catalog No BYab-04605 Isotype IgG Reactivity Zebrafish Applications WB Gene Name HIST1H3A/HIST1H3B/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/HIST2H3A/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3F3 B Protein Name Histone H3.1/Histone H3.2/Histone H3.3 Immunogen Histone H3 Monoclonal Antibody Cy3 Conjugated specially designed for your Immunofluorescence analysis. Formulation Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% Glycerol. Source Monoclonal, Mouse IgG1 Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution Optimal working dilutions should be determined experimentally by the investigator: Suggested starting dilutions are as follows: IHC 1:50-300, IF:1:1:00-300. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms HIST1H3A Observed Band Eliphathay Cell Pathway Nucleus. Chromosome. Tissue Specificity Blood, Epithelium, Kidney, Lung, Ovary, Spleen, Uterus, Function caution:Was originally (pubMed:2587222) thought to or		
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	of histones, also called histone code, and nucleosome remodeling.,mass spectrometry:Monoisotopic with N-acetylserine PubMed:16457589,miscellaneous:This histone is only present in mammals and is enriched in acetylation of Lys-15 and dimethylation of Lys-10 (H3K9me2).,PTM:Acetylation is generally I
Background	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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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