





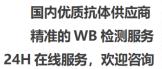
Histone H3 Monoclonal Antibody, AbFluor™ 647 Conjugated

Catalog No BYab-04602 Isotype IgG Reactivity Zebrafish Applications WB Gene Name HIST1H3A/HIST1H3B/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST2H3A/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/B Protein Name Histone H3.1/Histone H3.2/Histone H3.3 Immunogen Specificity Histone H3 Monoclonal Antibody AbFluor™ 647 Conjugated specially desfor your Immunofluorescence analysis.	J/H3F3
Reactivity Applications WB Gene Name HIST1H3A/HIST1H3B/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3H/HIST1H3H/HIST1H3H/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A Protein Name Histone H3.1/Histone H3.2/Histone H3.3 Immunogen Specificity Histone H3 Monoclonal Antibody AbFluor™ 647 Conjugated specially des	J/H3F3
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Immunogen Specificity Histone H3 Monoclonal Antibody AbFluor™ 647 Conjugated specially des	
Specificity Histone H3 Monoclonal Antibody AbFluor™ 647 Conjugated specially des	
Formulation Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative and Glycerol.	50%
Source Monoclonal, Mouse IgG1	
Purification The antibody was affinity-purified from mouse ascites by affinity-chromatog using specific immunogen.	ıraphy
Dilution Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC 1:50-300, IF:1:100-500.	
Concentration 1 mg/ml	
Purity ≥90%	
Storage Stability -20°C/1 year	
Synonyms HIST1H3A	
Observed Band	
Cell Pathway Nucleus. Chromosome.	
Tissue Specificity Blood, Epithelium, Kidney, Lung, Ovary, Spleen, Uterus,	
Function caution:Was originally (PubMed:2587222) thought to originate from mouse.,developmental stage:Expressed during S phase, then expression s decreases as cell division slows down during the process of differentiation.,function:Core component of nucleosome. Nucleosomes wra compact DNA into chromatin, limiting DNA accessibility to the cellular mach which require DNA as a template. Histones thereby play a central role in	p and

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	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.,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.

Products images

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