Recombinant Histone H3 (Acetyl Lys14) Monoclonal Antibody

catalog number: **AN301156L**

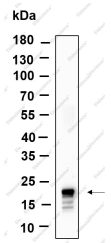
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to residues around (Lys14) of Human Acetyl-Histone H3
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110779
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:1000-1:4000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200
CHIP	1:50-1:100
Cut&Tag	1:50-1:100

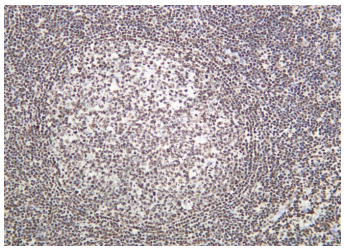
Data



Western Blot with Recombinant Histone H3 (Acetyl Lys14) Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: C6.

Observed-MW:17 kDa

Calculated-MW:15 kDa



Immunohistochemistry of paraffin-embedded human tonsil using Recombinant Histone H3 (Acetyl Lys14) Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
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Web: www.elabscience.com
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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.