A Reliable Research Partner in Life Science and Medicine

Histone H3 Monoclonal Antibody

catalog number: AN200152P

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

Description

Reactivity Human

Immunogen A synthetic peptide corresponding to the C-terminus of the human Histone H3.

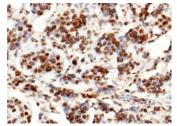
Host Mouse Isotype lgG2b Clone A1004 **Purification** Protein A

Buffer 0.2 µm filtered solution in PBS

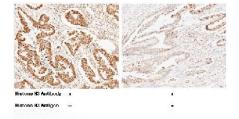
Applications Recommended Dilution

1:1000-1:100000 WB 1:50-1:1000 IHC-P

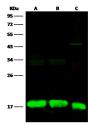
Data



H3 in human mammary gland with mouse monoclonal antibody.

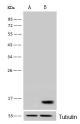


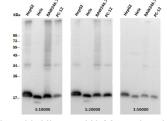
Immunohistochemistry of paraffin-embedded human histone Immunohistochemistry of paraffin-embedded human histone H3 in human colon carcinoma with mouse monoclonal antibody. The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (polypeptide).



Western Blot with Histone H3 Monoclonal Antibody at dilution of 1:2000 dilution. Lane A: Hela Whole Cell Lysate, Lane B: Jurkat Whole Cell Lysate, Lane C: 293 Whole Cell Lysate, Lysates/proteins at 30 µg per Lane.

> Observed-MW:18 kDa Calculated-MW:18 kDa





Western Blot with Histone H3 Monoclonal Antibody at dilution of 1:10000, 1:20000, 1:50000 dilution, Lysates/proteins at 30 µg per Lane.

> Observed-MW:18 kDa Calculated-MW:18 kDa

For Research Use Only

Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com

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Western Blot with Histone H3 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Histone H3 konckout Hela Whole Cell Lysate, Lane B: Hela Whole Cell Lysate, Lysates/proteins at 10 µg per lane.

Observed-MW:18 kDa Calculated-MW:18 kDa

Preparation & Storage

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fibre is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures.