

Histone H3 monoclonal antibody

Catalog: MB65952

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in 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.

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 15 kDa

Swiss-Prot:

P68431; Q71DI3; P84243

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB (1/1000 - 1/3000)

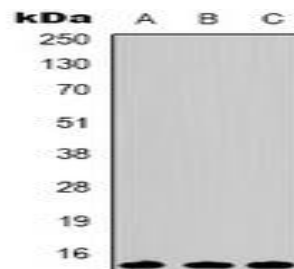
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of Histone H3 protein.

DATA:



Western blot analysis of Histone H3 expression in HeLa (A), Raw264.7 (B), rat testis (C) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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