

Histone H3 (mono-methyl K36) Rabbit monoclonal antibody

Catalog: BS9873M

Host: Rabbit

Reactivity: Human, Mouse

Background:

Modulation of chromatin structure plays an important role in the regulation of transcription in eukaryotes. The nucleosome, made up of DNA wound around eight core histone proteins (two each of H2A, H2B, H3, and H4), is the primary building block of chromatin. The amino-terminal tails of core histones undergo various post-translational modifications, including acetylation, phosphorylation, methylation, and ubiquitination. These modifications occur in response to various stimuli and have a direct effect on the accessibility of chromatin to transcription factors and, therefore, gene expression.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 17 kDa

Swiss-Prot:

P68431/P84243/Q16695/Q6NXT2/Q71DI3

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:2000

ICC: 1:50-1:200

Storage&Stability:

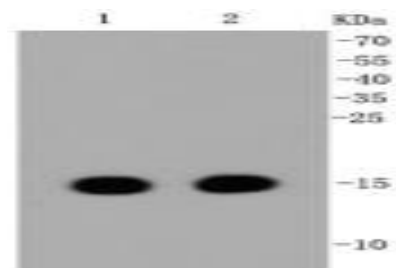
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

This antibody detects endogenous levels of histone H3

only when mono-methylated at Lys36.

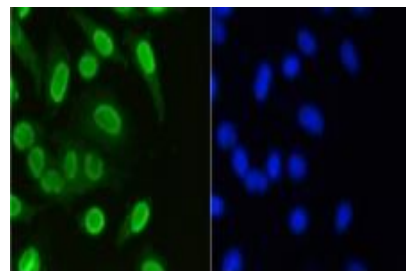
DATA:



Western blot (WB) analysis of Histone H3 (mono-methyl K36) Rabbit mAb at 1:1000 dilution

Lane1:HeLa whole cell lysate

Lane2:NIH/3T3 whole cell lysate



ICC staining Histone H3(mono methyl K36) in MCF-7 cells (green).

The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X-100/PBS.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151