

PRODUCT DATA SHEET



Bioworld Technology, Inc.

Histone H3.1 (G34) pAb

Catalog: BS5523

Host: Rabbit

Reactivity: Human, Mouse, Rat

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. Covalent modifications of the canonical core histones, including acetylation, phosphorylation, methylation, and monoubiquitination are used to mark nucleosomes to create chromatin domains with a range of functions.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 17 kDa

Swiss-Prot:

P68431

Purification&Purity:

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

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

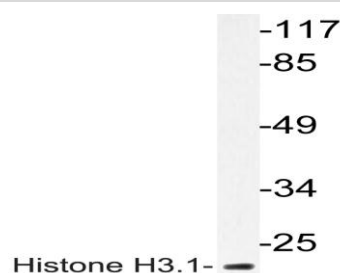
Storage&Stability:

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

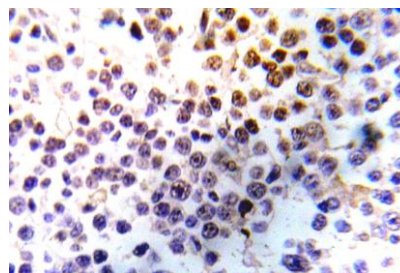
Specificity:

Histone H3.1 (G34) pAb detects endogenous levels of Histone H3.1 protein.

DATA:



Western blot (WB) analyzes of Histone H3.1 (G34) pAb in extracts from COLO205 cells.



Immunohistochemistry (IHC) analyzes of Histone H3.1 (G34)pAb in paraffin-embedded human malignant lymphoma tissue.

Note:

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

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