

Anti-Histone H3 antibody [1G1]

#Cat: NB-22-6938-20 Size: 20 µg #Cat: NB-22-6938-50 Size: 50 ug #Cat: NB-22-6938-100 Size: 100 μg #Cat: NB-22-6938-200 Size: 200 μg

GENERAL INFORMATION

Product Type

Primary antibodies

Short Description

Mouse monoclonal antibody anti-Histone H3.1 and Histone H3.2 and Histone

H3.3 is suitable for use in Western Blot, Immunohistochemistry,

Immunofluorescence, Immunocytochemistry and Immunoprecipitation

research applications.

Applications

WB, IHC-P, IF, ICC, IP

Host/Source Mouse

Reactivity Human, Mouse, Rat, Yeast

PRODUCT PROPERTIES

Clonality Monoclonal

Clone ID 1G1

Concentration

Conjugation Unconjugated

The antibody was isolated from ascitic fluid by immunoaffinity chromatography **Purification**

using antigens coupled to agarose beads.

WB 1:2000-5000 **Dilution Range**

IF1:100-500 IP 1:200 IHC 1:50-300

Formulation PBS, pH 7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.

Isotype lgG1

Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-

thaw cycles.

TARGET INFORMATION

Gene ID 8350/8351/8352/8353/8354/8355/8356/8357/8358/89681

Gene Symbol H3C1.H3C2.H3C3.H3C4.H3C6.H3C7.H3C8.H3C10.H3C11.H3C12

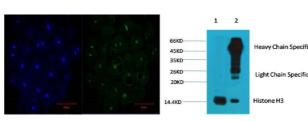
H31 HUMAN H32 HUMAN H33 HUMAN

Immunogen Recombinant Protein of Histone H3

Immunogen Region

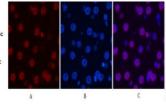
Specificity Histone H3 monoclonal antibody (Histone H3.1 and Histone H3.2 and Histone H3.3) binds to endogenous Histone H3.1 and Histone H3.2 and Histone H3.3.

Immunogen sequence

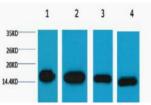


IF analysis of Hela, diluted at 1:200.

1) Input: Hela Cell Lysate , 2) IP product: IP dilute 1:200



Immunofluorescence analysis of Rat-liver tissue. 1, Histone H3 monoclonal antibody (1G1) (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



Western blot analysis of 1) Hela, 2) Raw, 3) Mouse Brain Tissue, 4) Rat Brain Tissue, diluted at 1:5000.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.