

Anti-Histone H3 antibody



Catalog Number: 142227

Product name

Anti-Histone H3 antibody

Specificity

Human Histone H3

Antibody description

Mouse Monoclonal to Human Histone H3

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with a synthetic peptide corresponding to the C-terminus of the human Histone H3. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

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.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse IgG2b

Applications

WB, IHC-P, IP

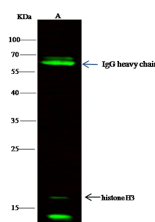
Dilutions

WB: 1/1000-1/10000

IHC-P: 1/50-1/1000

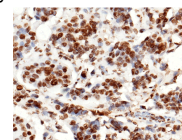
IP: 4-10 uL/mg of lysate

Validations



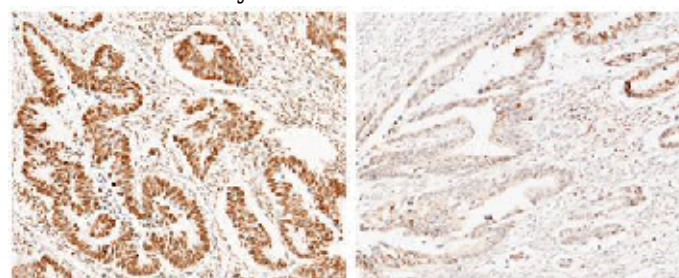
Item	Lane	A
Sample (whole cell lysate)		A431
Sample quantity		0.5 mg
IP antibody quantity		4 µL
Protein G agarose		1.5 µl of 50% Protein G Agarose
Gel		13% SDS-PAGE reducing gel
Primary antibody		BSA-SINO.05 antibody at 10 µg/ml
Secondary antibody		Dylight 800-labeled antibody to Mouse IgG (F11), at 1:7500 dilution.

Histone H3 Antibody, Mouse Mab,



Immunoprecipitation

Histone H3 Antibody, Mouse Mab, Immunocytochemistry



Histone H3 Antibody

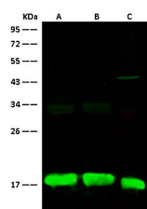
Histone H3 Antibody, Mouse Mab, Immunocytochemistry

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Histone H3 Antibody, Mouse MAb, Western blot



Items	Lanes		
	A	B	C
Sample (whole cell lysate)	HeLa	Jurkat	293
Sample Volume (μ g/lane)	30	30	30
Gel	13% SDS-PAGE reducing gel		
Recommended Concentration	1/1000-1/10000		
Secondary Antibody	Dylight 800-labeled Antibody To Mouse IgG (H+L), at 1:7500 dilution.		