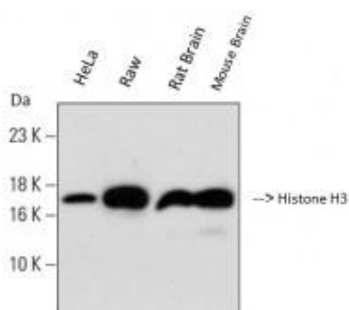


MAB-91904 Mouse Anti-Histone H3.1 Monoclonal Antibody

Clone:	H3.1
Size:	100 ug
Host:	Mouse
Isotype:	IgG1
Reactivity:	Human, mouse, rat
Concentration:	1mg/ml
Immunogen:	Human Histone H3.1 protein with full length.
Background:	Histone H3.1 is a protein that in humans is encoded by the HIST1 H3C gene. Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes.
Applications:	Western Blot 1:2000 - 1:5000 Immunofluorescence: 1:100-1:500 Immunoprecipitation: 1:100-1:200 Other applications have not been tested. The optimal dilutions should be determined by end user.
Storage Buffer:	In PBS (pH7.4), 50% Glycerol and 0.02% Sodium Azide.
Storage:	Store at -20°C for 1 year. Avoid repeated freeze and thaw cycles .



Western Blot analysis of 1)HeLa, 2) Raw, 3) rat brain tissue
4) mouse brain tissue using Histone H3 antibody, diluted at
1:5000

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