

## Histone H3 Mouse Monoclonal Antibody(8F7)

Catalog No: #AB38091

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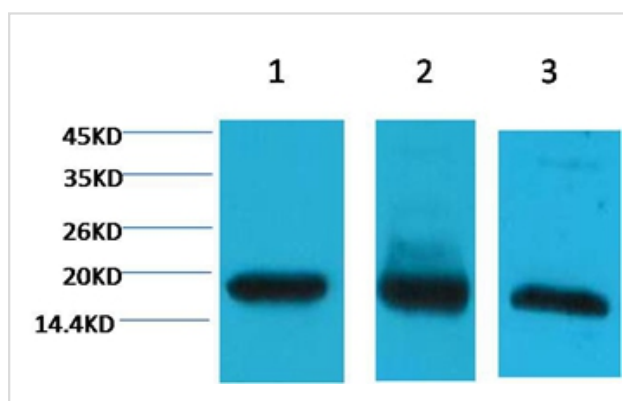
## Description

Product Name	Histone H3 Mouse Monoclonal Antibody(8F7)
Host Species	Mouse
Clonality	Monoclonal
Clone No.	8F7
Purification	Affinity purification using immunogen.
Applications	WB
Species Reactivity	Hu Rt Ms
Specificity	The Histone H3 antibody can detects endogenous Histone H3 protein.
Target Name	Histone H3
Other Names	H3 histone antibody; HIST1H3A antibody; Histone cluster 1; H3a antibody
Accession No.	Swiss-Prot#:P68431
SDS-PAGE MW	15kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:1000 ~1:2000

## Images



Western blot analysis of 1) Hela, 2) Raw 264.7, 3) Rat Testis, using #AB38091 diluted at 1:2,000.

## Background

Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.