

# Histone H3(di methyl K9) Mouse Monoclonal Antibody(3C2)

Catalog No.: RA10383

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	15KD

### Applications

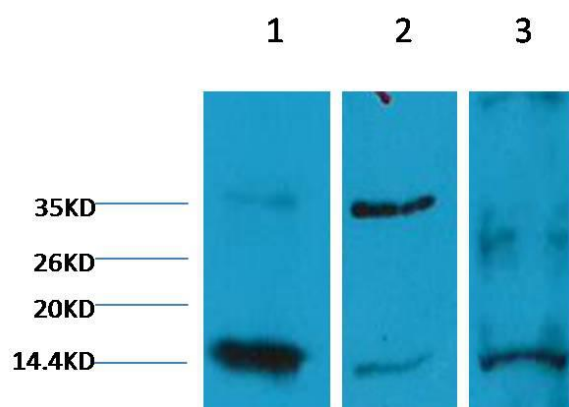
### Recommended Dilution

WB	1:1,000-3,000
IHC	1:200-500

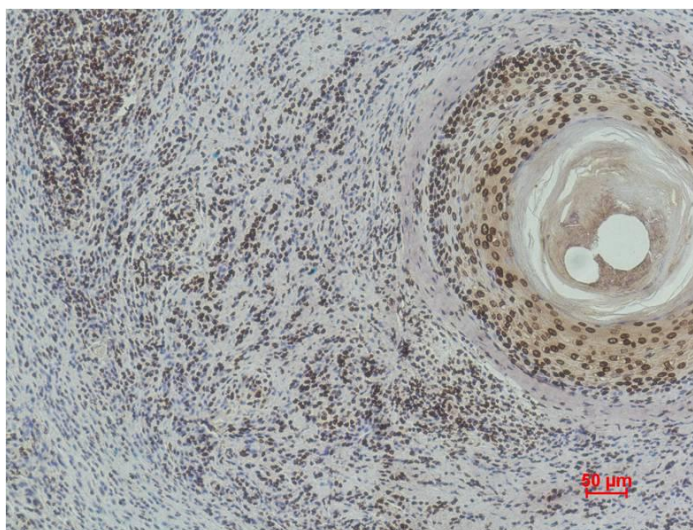
## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Western blot analysis of 1)HeLa, 2)Rat Heart Tissue, 3)Raw264.7 with Histone H3(di methyl K9) Mouse mAb diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded Human Skin using Histone H3(di methyl K9) Mouse mAb diluted at 1:500.

## 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.