

A17323

Leader in Biomolecular Solutions for Life Science



# Dimethyl-Lysine Rabbit pAb

Catalog No.: A17323

## Basic Information

### Observed MW

Refer to Figures

### Calculated MW

### Category

Mouse Monoclonal Antibody

### Applications

WB,IP

### Cross-Reactivity

ALL

## Background

Protein methylation is a very diverse, widespread and important post-translational modification affecting all aspects of cellular biology in eukaryotes. Methylation on the side chain of lysine residues in histones has received considerable attention due to its major role in chromatin structure and the epigenetic regulation of gene expression. However, evidence of lysine methylation-driven regulation has been obtained for a number of non-histone proteins since the turn of the 21st century. This modification has been shown to regulate protein-protein and protein-nucleic acid interactions, protein stability, subcellular localization or enzyme activity in essential cellular processes including transcription, protein synthesis, signal transduction and metabolism.

## Recommended Dilutions

WB 1:500 - 1:1000

IP 1:20 - 1:50

## Immunogen Information

Gene ID

Swiss Prot

### Immunogen

Dimethyl Protein.

### Synonyms

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

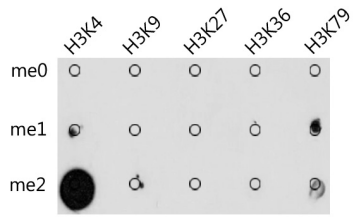
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 50% glycerol, pH7.2.

## Validation Data

---



Dot-blot analysis of all sorts of methylation peptides using Dimethyl-Lysine antibody (A17323).