

## 10-9532: Recombinant Rabbit Monoclonal Antibody to Acetylated -Lysine (Clone: RM101)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RM101
<b>Application :</b>	WB,IP,ICC,IHC,FACS,ELISA
<b>Reactivity :</b>	All Species
<b>Format :</b>	Purified
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Acetyllysine -BSA

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Content :</b>	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Storage condition :</b>	Store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Clone RM101 reacts to lysine-acetylated proteins. No cross reactivity with nonacetylated lysine, and lysines with other modifications. Western Blot (WB): 1:500 -1:2000 dilution; Immunoprecipitation (IP): 1:100-1:500 dilution; Chromatin IP (ChIP): 1:100-1:500 dilution; Immunocytochemistry (ICC): 1:100-1:500 dilution; Immunohistochemistry (IHC): 1:100-1:500 dilution.

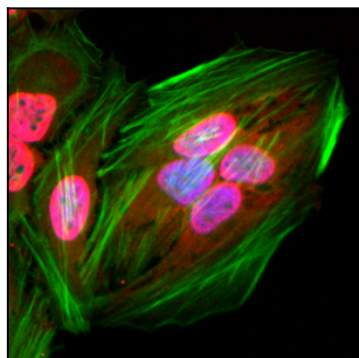


Figure 1: Immunocytochemical staining of HeLa cells using Anti-Acetylated Lysine antibody Clone: RM101 (red). Actin filaments was labeled with fluorescein phalloidin (green), and nucleus stained with DAPI (blue).

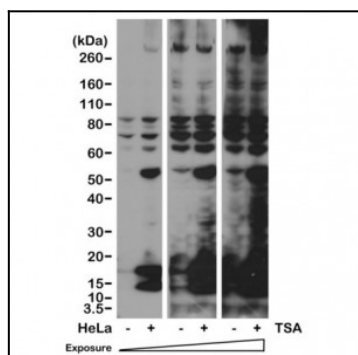


Figure 2: Western blot of HeLa cells nontreated or treated with Trichostatin A (TSA), using Clone: RM101 at 1/2000 dilution.

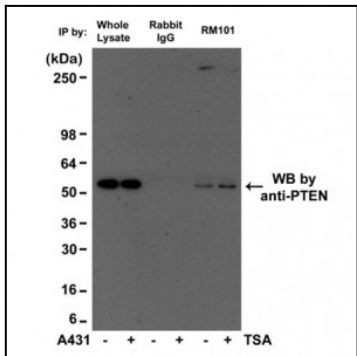


Figure 3: Immunoprecipitation of A431 cell lysates, using Clone: RM101 at 1/500 dilution, was blotted with anti-PTEN mouse monoclonal antibody.

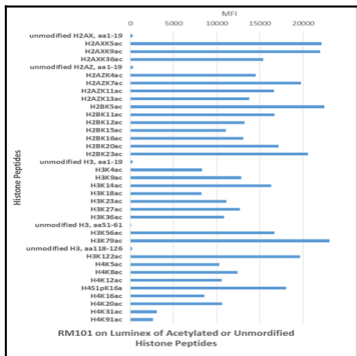


Figure 4: Rabbit monoclonal antibody Clone: RM101 recognizes acetylated lysine in peptides with different sequences. It does not react with non-acetylated lysine.