

Acetyl Lysine monoclonal antibody

Catalog: MB30053

Host: Mouse

Reactivity: All

BackGround:

Acetyl lysine is a post-translational modification (PTM) on histone and non-histone proteins. Acetylation of lysine residues neutralizes the positive charge of the epsilon-amino group, affecting chromatin compaction and protein function, and is dynamically regulated by acetyltransferases and deacetylases.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

N/A (post-translational modification; target proteins vary)

Swiss-Prot:

Purification&Purity:

Affinity chromatography

Applications:

WB (1/1000 - 1/2000), IHC (1/200 - 1/500), IP (1/50 - 1/200)

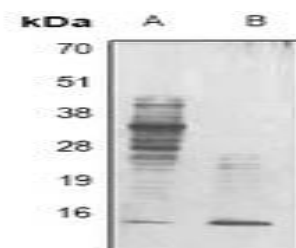
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

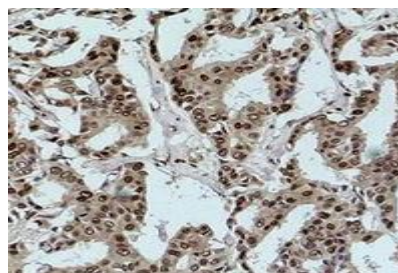
Specificity:

Recognizes endogenous levels of Acetyl Lysine protein.

DATA:



Western blot analysis of AMD1 expression in AML12 (A), HCT116 (B), LO2 (C), A549 (D) whole cell lysates.



Immunofluorescent analysis of AMD1 staining in C6 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

For research use only, not for use in diagnostic procedure.

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