

Acetyl Lysine(10B10)Mouse Monoclonal Antibody

Catalog# UZ-PA01196

Product information

产品货号	UZ-PA01196
产品名称	Acetyl Lysine(10B10)Mouse Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC IP
反应种属	Species independent
存储缓冲液	PBS, pH 7.4, containing 0.5%BSA, 0.02% New type preservative N as Preservative and 50% Glycerol.
免疫原	Purified Protein
稀释度	WB 1:1000-2000, IHC-P 1:200-500, IP 1:100-200, IF-P/IF-F/IF-ICC 1:50-200
运输及保存条件	-20°C/1 year
宿主	Mouse
背景介绍	Acetylation of lysine, like phosphorylation of serine, threonine or tyrosine, is an important reversible modification controlling protein activity. The conserved amino-terminal domains of the four core histones (H2A, H2B, H3, and H4) contain lysines that are acetylated by histone acetyltransferases (HATs) and deacetylated by histone deacetylases (HDACs). Signaling resulting in acetylation/deacetylation of histones, transcription factors, and other proteins affects a diverse array of cellular processes including chromatin structure and gene activity, cell growth, differentiation, and apoptosis. Recent proteomic surveys suggest that acetylation of lysine residues may be a widespread and important form of posttranslational protein modification that affects thousands of proteins involved in control of cell cycle and metabolism, longevity, actin polymerization, and nuclear transport. The regulation of protein acetylation status is impaired in cancer and polyglutamine diseases, and HDACs have become promising targets for anti-cancer drugs currently in development.
纯化	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Clonality	Monoclonal