

产品概述

产品名 (Product Name)	Anti Histone-H3 mouse monoclonal antibody
货号 (Catalog No.)	ATMA10165Mo
种类 (Category)	Primary antibody
宿主 (Host)	Mouse
反应种属 (Species specificity)	Homo sapiens, other species was not test.
应用实验 (Tested applications)	WB
克隆性 (Clonality)	Monoclonal
克隆编号 (Clone No.)	5F8
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Synthesis peptide from C-terminal.
别名	H3 histone family member E pseudogene, H3 histone family, member A, HIST1H3B.
Uniprot ID	P68431
Note	For research use only .

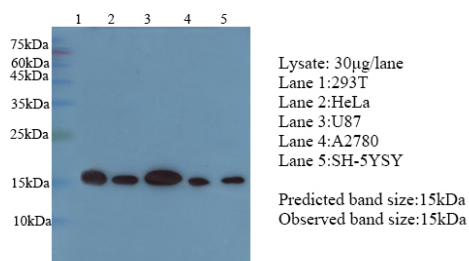
产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	0.5mg/ml
亚型 (Isotype)	IgG2b
分子量 (MW)	15kDa
纯化方式 (Purity)	Protein G purification

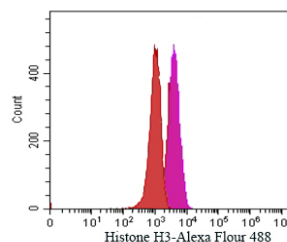
应用

WB: 1:2000~1:8000

产品实验图片



Various lysates were subjected to SDS PAGE followed by western blot with Histone H3 antibody at dilution of 1:2000



1×10⁶ THP-1 cells were stained with 1:100 Histone H3 antibody (purple) and control antibody (red). Fixed with 4% PFA blocked with BSA (30min). Alexa Fluor 488-conjugated AffiniPure Goat anti-mouse IgG(H+L) with dilution 1:100.

产品背景

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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.