

HB220529

## Histone-H3 Mouse mAb

### 产品信息

产品名称	产品编号	规格
Histone-H3 Mouse mAb	30005ES50	50ul
	30005ES60	100uL

### 产品描述

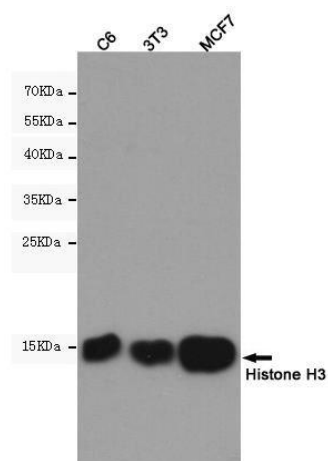
组蛋白是真核生物中负责染色体纤维核小体结构的基本核蛋白。核小体由大约 146 bp 的 DNA 包裹在由四个核心组蛋白 (H2A、H2B、H3 和 H4) 每对组成的组蛋白八聚体上。染色质纤维通过连接蛋白 H1 与核小体之间的 DNA 相互作用进一步致密, 形成更高阶的染色质结构。该基因无内含子, 编码一个依赖复制的组蛋白, 是组蛋白 H3 家族的成员。该基因的转录本缺少 polyA 尾部; 相反, 它们包含回文终止元素。该基因与 6p22-p21.3 染色体组蛋白基因集群中的其他 H3 基因是分开的。

### 产品性质

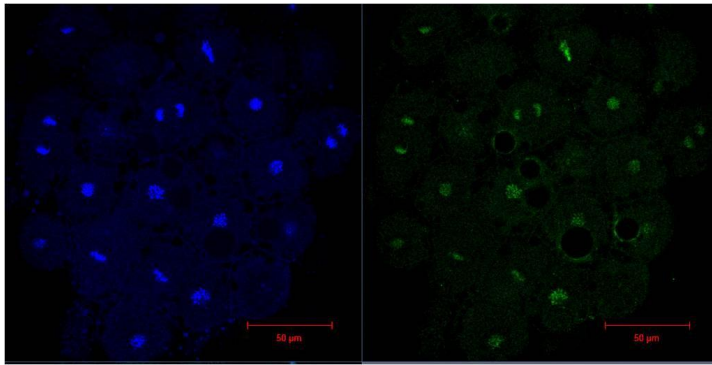
别名	H3 histone, HIST1H3A, Histone cluster 1, H3a
SwissProt ID	P68431
基因 ID	8290
免疫原	Purified recombinant protein fragments expressed in E.coli.
缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
分子量	Observed MW (kDa):15
克隆类型	Monoclonal Antibody
亚型	IgG1
宿主	Mouse
物种反应	Human,Mouse,Rat,Yeast
纯化方式	Affinity Purified

### 应用

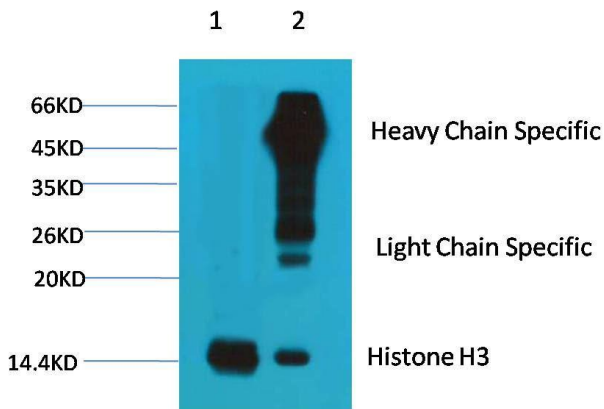
稀释比 WB: 1/2000-5000 ICC: 1/100-500 IP: 1/200 IHC: 1/50-300



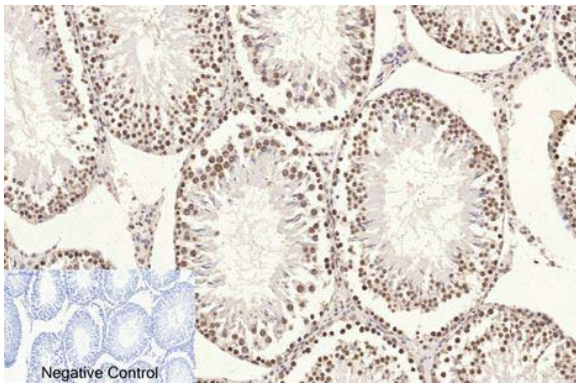
Western blot analysis of extracts from C6,3T3 and MCF7 cell lysates using Histone H3 Mouse mAb (1:20000 diluted). Predicted band size:17KDa. Observed band size:17KDa.



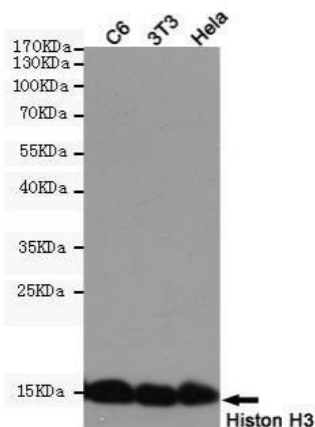
IF analysis of HeLa with DAPI (Left) and (Right) diluted at 1:200



1 、 Input: HeLa Cell Lysate 2 、 IP product: IP dilute 1:20 Western blot analysis: primary antibody : 1:2000,. Secondary antibody: Goat anti-Mouse IgG(H+L) (S1) 1:10000

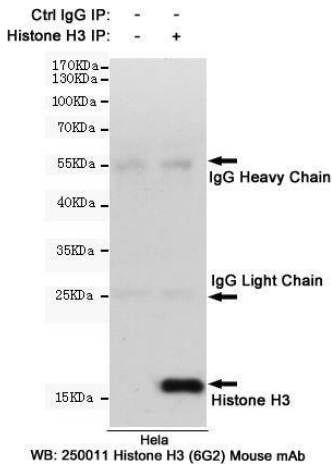


Immunohistochemical analysis of paraffin-embedded Rat-testis tissue. 1, Histone H3 Monoclonal Antibody was diluted at 1:200(4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Western blot detection of Histone H3 in C6, 3T3, HeLa cell lysates using Histone H3 Mouse mAb(1:10000 diluted). Predicted band size: 15KDa. Observed band size: 15KDa.

Immunoprecipitation analysis of HeLa cell lysates  
using Histone H3 Mouse mAb



## 运输与保存方法

冰袋运输。-20°C保存，1年有效期。

## 注意事项

1. 避免反复冻融。
2. 为了您的安全和健康，请穿实验服并戴一次性手套操作。
3. 本产品仅作科研用途！