

## KDM1A (1E5) MOUSE MAB

货号: N261003

产品全名: KDM1A (1E5) 小鼠单抗

基因符号 KDM1A; AOF2; KDM1; KIAA0601; LSD1; Lysine-specific histone demethylase 1A; BRAF35-HDAC complex protein BHC110; Flavin-containing amine oxidase domain-containing protein 2

**UNIPROT ID:** O60341

**背景:** Histone demethylase that demethylates both 'Lys-4' (H3K4me) and 'Lys-9' (H3K9me) of histone H3, thereby acting as a coactivator or a corepressor, depending on the context. Acts by oxidizing the substrate by FAD to generate the corresponding imine that is subsequently hydrolyzed. Acts as a corepressor by mediating demethylation of H3K4me, a specific tag for epigenetic transcriptional activation. Demethylates both mono- (H3K4me1) and di-methylated (H3K4me2) H3K4me. May play a role in the repression of neuronal genes.

**抗原:** Purified recombinant human KDM1/LSD1 protein fragments expressed in E.coli.

**经过测试的应用:** WB, ICC/IF, IP

**推荐稀释比:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**种属反应性:** Mouse

**克隆性:** Mouse Monoclonal

**克隆编号:** 1E5-H2

**分子量:** Calculated MW: 93 kDa; Observed MW: 110 kDa

**亚型:** IgG1

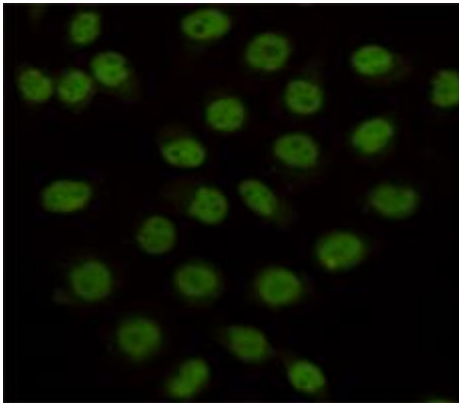
**纯化:** Affinity Purified

**种属反应性:** Human, Monkey

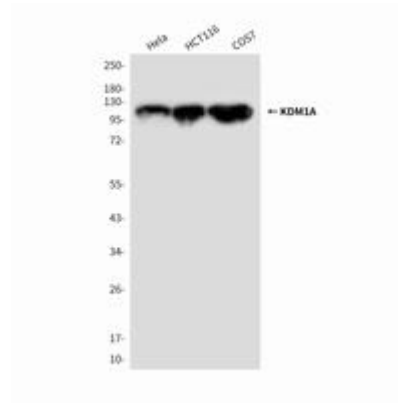
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**研究领域:** Epigenetics&Histone methylation

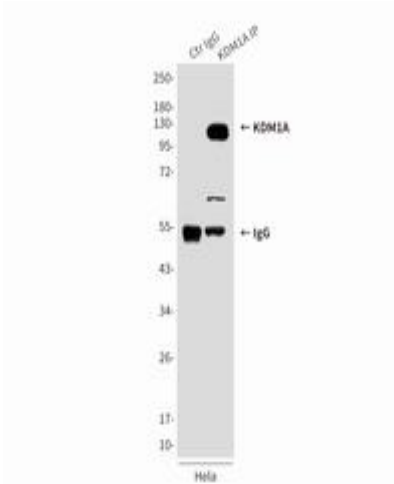
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of KDM1A (1E5) in HeLa using KDM1/LSD1 antibody.



Western blot analysis of KDM1/LSD1 in HeLa, HCT116 and COS7 lysates using KDM1/LSD1 antibody.



Immunoprecipitation analysis of KDM1A (1E5) in HeLa lysates using KDM1/LSD1 antibody.