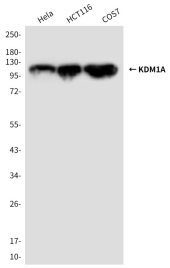
KDM1A (1E5) Mouse mAb

db6007 **Package : 50μL 100μL**

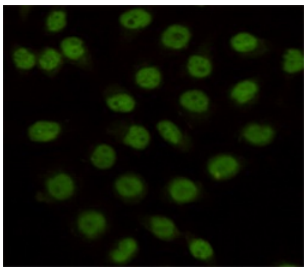
Product Name : KDM1A (1E5) Mouse mAb
Cat.No.: db6007
Synonyms : KDM1A; AOF2; KDM1; KIAA0601; LSD1; Lysine-specific histone demethylase 1A; BRAF35-HDAC complex protein BHC110; Flavin-containing amine oxidase domain-containing protein 2
Application : WB, ICC/IF, IP
Reactivity : Human, Monkey
Host species : Mouse

Background	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.
Immunogen	Purified recombinant human KDM1/LSD1 protein fragments expressed in E.coli
Gene ID	23028
Swiss Prot	O60341
Synonyms	KDM1A; AOF2; KDM1; KIAA0601; LSD1; Lysine-specific histone demethylase 1A; BRAF35-HDAC complex protein BHC110; Flavin-containing amine oxidase domain-containing protein 2
Reactivity	Human, Monkey
Application	WB, ICC/IF, IP
Recommended dilution	WB: 1:500-1:1000 ICC/IF: 1:50-1:200 IP: 1:20
Calculated MW	93 kDa
Observed MW	110 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	1E5-H2
Isotype	IgG1

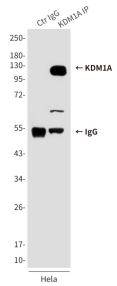
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



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



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



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