

**KDM1A (1E5) Mouse mAb (PBS Only)**

db6007-PBS

Package : 可询价

**Product Name** : KDM1A (1E5) Mouse mAb (PBS Only)**Cat.No.:** db6007-PBS**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

**Calculated MW**

93 kDa

**Observed MW**

110 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

1E5-H2

**Isotype**

IgG1

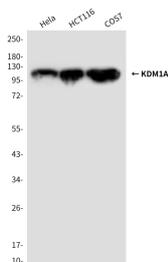
**Purity**

Affinity Purification

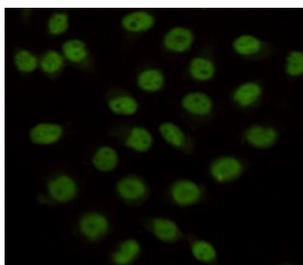
**Conjugation**

Un-conjugated

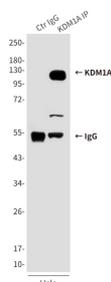
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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.