



KDM1B Mouse mAb

Catalog No	YP-mAb-19240
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KDM1B AOF1 C6orf193 LSD2
Immunogen	Synthesized peptide derived from human KDM1B
Specificity	This antibody detects endogenous levels of KDM1B at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AOF1;LSD2;C6orf193;1E1A3;KDM1B AOF1 C6orf193 LSD2;Lysine-specific histone demethylase 1B (Flavin-containing amine oxidase domain-containing protein 1) (Lysine-specific histone demethylase 2)
Observed Band	92 kDa
Calculated Molecular Weight	92 kDa
Cell Pathway	Nucleus .
Tissue Specificity	
Function	Histone demethylase that demethylates 'Lys-4' of histone H3, a specific tag for epigenetic transcriptional activation, thereby acting as a corepressor. Required for de novo DNA methylation of a subset of imprinted genes during oogenesis. Acts by oxidizing the substrate by FAD to generate the corresponding imine that is subsequently hydrolyzed. Demethylates both mono- and di-methylated 'Lys-4' of histone H3. Has no effect on tri-methylated 'Lys-4', mono-, di- or tri-methylated 'Lys-9', mono-, di- or tri-methylated 'Lys-27', mono-, di- or tri-methylated 'Lys-36' of histone H3, or on mono-, di- or tri-methylated 'Lys-20' of histone H4.



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images