



KDM6B/JMJD3 mouse mAb

Catalog No	YP-mAb-18093
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KDM6B JMJD3 KIAA0346
Immunogen	Synthesized peptide derived from human KDM6B/JMJD3
Specificity	This antibody detects endogenous levels of KDM6B/JMJD3 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	JMJD3;KDM6B;KIAA0346;Lysine-specific demethylase 6B;KDM6B JMJD3 KIAA0346;Lysine-specific demethylase 6B (EC 1.14.11.-) (JmjC domain-containing protein 3) (Jumonji domain-containing protein 3) (Lysine demethylase 6B)
Observed Band	177 kDa
Calculated Molecular Weight	177 kDa
Cell Pathway	Nucleus .
Tissue Specificity	
Function	Histone demethylase that specifically demethylates 'Lys-27' of histone H3, thereby playing a central role in histone code . Demethylates trimethylated and dimethylated H3 'Lys-27' . Plays a central role in regulation of posterior development, by regulating HOX gene expression . Involved in inflammatory response by participating in macrophage differentiation in case of inflammation by regulating gene expression and macrophage differentiation . Plays a demethylase-independent role in chromatin remodeling to regulate T-box family member-dependent gene expression by acting as a link between T-box factors and the SMARCA4-containing SWI/SNF remodeling complex (By similarity).



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