

小鼠抗 SETD7 单克隆抗体

中文名称： 小鼠抗 SETD7 单克隆抗体

英文名称： Anti-SETD7 mouse monoclonal antibody

别名： KMT7; SET7; SET7/9; SET9

相关类别： 一抗

储存： 冷冻（-20℃） 避光

宿主： Mouse

抗原： SETD7

反应种属： Human , Dog , Rat , Monkey , Mouse

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:	Histone methyltransferase that specifically monomethylates 'Lys-4' of histone H3. H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation. Plays a central role in the transcriptional activation of genes such as collagenase or insulin. Recruited by IPF1/PDX-1 to the insulin promoter, leading to activate transcription. Has also methyltransferase activity toward non-histone proteins such as p53/TP53, TAF10, and possibly TAF7 by recognizing and binding the [KR]-[STA]-K in substrate proteins. Monomethylates 'Lys-189' of TAF10, leading to increase the affinity of TAF10 for RNA polymerase II. Monomethylates 'Lys-372' of p53/TP53, stabilizing p53/TP53 and increasing p53/TP53-mediated transcriptional activation.
Applications:	WB, IHC, IF, FC

Name of antibody:	SETD7
Immunogen:	Fusion protein of human SETD7
Full name:	SET domain containing (lysine methyltransferase) 7 (SETD7)
Synonyms:	KMT7; SET7; SET7/9; SET9
SwissProt:	Q8WTS6
IHC positive control:	adenocarcinoma of human endometrium tissue and carcinoma of human bladder tissue
IHC Recommend dilution :	30-150
WB Predicted band size:	41 kDa
WB Positive control:	Hela, SVT2, A549, COS7, Jurkat, MDCK, PC12, MCF-7 cell lysates
WB Recommended dilution:	500-2000