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Methacryllysine Recombinant Mouse mAb

Catalog # AP96701

Product Information

Application	WB, IHC-P, IHC-F, IF
Reactivity	Rat, Human, Mouse
Host	Mouse
Clonality	Recombinant
Physical State	Liquid
Immunogen	KLH conjugated Methacryllysine
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	组蛋白能被多种酶催化发生修饰，比如乙酰化，甲基化，磷酸化和泛素化等。组蛋白赖氨酸甲基丙烯酰化（Kmea）是一种新发现的蛋白质翻译后修饰。它是巴豆酰化的结构异构体，但是它们在机制和功能上存在差异。具体地说，甲基丙烯酸酯是Kmea的代谢前体，HAT1、SIRT1和SIRT2分别是Kmea的writer和Eraser。另外，在HeLa细胞中鉴定到27个Kmea修饰的组蛋白位点。Leigh综合症是一种以线粒体缺陷为特征的神经系统疾病。由于缬氨酸分解代谢途径中ECHS1和HIBCH酶的遗传突变，从而引起甲基丙烯酰辅酶A在具有这些突变的患者体内蓄积。Kmea的发现为甲基丙烯酰辅酶A积累的病理作用提出了一种新的方向。

Additional Information

Other Names	Kmea,
Dilution	WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,IF=1:50-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	Methacryllysine Recombinant Mouse mAb

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.